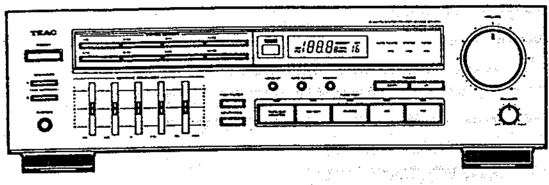
TEAC®



SERVICE MANUAL

AG-550/EG-600
AG-400
AM/FM Stereo Receiver

COMPONENTS IDENTIFIED BY ⚠ MARK HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS USE ONLY MANUFACTURER'S SPECIFIED PARTS.

Effective : June,1991

5704053101

SPECIFICATIONS

AG-550/EG-600

Amplifier Section

Output Power
55 watts per channel minimum RMS, both channels driven into 8 ohms from 20 Hz to 20 kHz with no more than 0.08% total harmonic distortion

Input Sensitivity/Impedance
PHONO: 2.5 mV/47k ohms
CD/VCR: 300 mV/22k ohms
TAPE/DAT: 150 mV/33k ohms

Frequency Response
20 Hz - 20 kHz ±1dB(PHONO)
10 Hz - 70 kHz +1, –3 dB
(CD/VCR, TAPE/DAT)

Total Harmonic Distortion 0.08%

Signal-to-Noise Ratio (IHF A Network)
PHONO: 65 dB
CD/VCR, TAPE/DAT: 75 dB

Graphic Equalizer
Center frequencies 83, 300, 1 k, 3.3 k and 12 kHz : ±12 dB

FM Tuner Section

Tuning Range
87.5 MHz - 108.0 MHz (100 kHz steps) (U.S.A./Canada model)
87.50MHz - 108.00MHz (50 kHz steps) (Australia/Europe model)

Usable Sensitivity (IHF) Mono 12 dBf (U.S.A./Canada/Australia model)
Mono 13 dBf (Europe model)

50 dB Quieting Sensitivity: 20 dBf

AM Suppression Ratio (1 kHz) 55 dB

Capture Ratio 1.5 dB

Channel Selectivity 65 dB ±400 kHz (IHF)

Image Rejection 55 dB (at 98 MHz)

Harmonic Distortion (1 kHz) Mono 0.3%/Stereo 0.6%

Stereo Separation (1 kHz) 40 dB

Signal-to-Noise Ratios Mono 73 dB/Stereo 68 dB

AM Tuner Section

Tuning Range
530 kHz–1,710 kHz (10 kHz steps) (U.S.A./Canada model)
522 kHz–1,611 kHz (9 kHz steps) (Australia/Europe model)

Usable Sensitivity 50 dB/m

Selectivity 43 dB ±10 kHz

Harmonic Distortion 1.0 %

Signal-to-Noise Ratio 45 dB

General

Power Requirements
120 V AC, 60 Hz, 160 W (U.S.A./Canada model)
240 V AC, 50 Hz, 350 W (Australia model)
220 V AC, 50 Hz, 290 W (Europe model)

Dimensions (W×H×D)
435 × 132 × 290 mm (17-1/8" × 5-3/16" × 11-7/16")

Weight (net) 7 kg (15-7/16 lbs.)

Standard Accessories
AM Loop Antenna × 1
FM T-shape Antenna × 1
Remote Control Unit (UR-200) × 1
Battery ("AAA", "R03", UM-4) × 2
REMOTE CONTROL cable × 2
Matching Transformer (for 300Ω to to 75Ω conversion)
(Europe model)

AG-400

Amplifier Section

Output Power
40 watts per channel minimum RMS, both channels driven into 8 ohms from 40 Hz to 20 kHz with no more than 0.8% total harmonic distortion

Input Sensitivity/Impedance
PHONO: 2.5 mV/47k ohms
CD/VCR: 300 mV/22k ohms
TAPE/DAT: 150 mV/33k ohms

Frequency Response
20 Hz - 20 kHz ±1 dB (PHONO)
15 Hz - 30 kHz +1, –3 dB
(CD/VCR, TAPE/DAT)

Total Harmonic Distortion 0.8%

Signal-to-Noise Ratio (IHF A Network)
PHONO: 65 dB
CD/VCR, TAPE/DAT: 75 dB

Tone Control
Bass: ± 8 dB at 100Hz
Treble: ± 8 dB at 10 kHz

FM Tuner Section

Tuning Range 87.5 MHz - 108.0 MHz
(100 kHz steps)

Usable Sensitivity (IHF) Mono 12 dBf

50 dB Quieting Sensitivity: 20 dBf

AM Suppression Ratio (1 kHz) 55 dB

Capture Ratio 1.5 dB

Channel Selectivity 65 dB ± 400 kHz (IHF)

Image Rejection 55 dB (at 98 MHz)

Harmonic Distortion (1 kHz)
Mono 0.3 %/Stereo 0.6 %

Stereo Separation (1 kHz) 40 dB

Signal-to-Noise Ratio
Mono 73 dB/Stereo 68 dB

AM Tuner Section

Tuning Range 530 kHz - 1,620 kHz
(10 kHz steps)

Usable Sensitivity 50 dB/m

Selectivity 43 dB ± 10 kHz

Harmonic Distortion 1.0 %

Signal-to-Noise Ratio 45 dB

General

Power Requirements
120 V AC, 60 Hz, 140 W

Dimensions (W×H×D)
435 × 126 × 290 mm
(17-1/8" × 4-15/16" × 11-7/16")

Weight (net) 6 kg (13-4/16 lbs.)

Standard Accessories
AM Loop Antenna × 1
FM T-shape Antenna × 1

* Improvements may result in specifications or features changing without notice.

ADJUSTMENTS AND CHECKS

AG-550/EG-600(U.S.A., Canada and Australia models)

ADJUSTMENT PROCEDURE

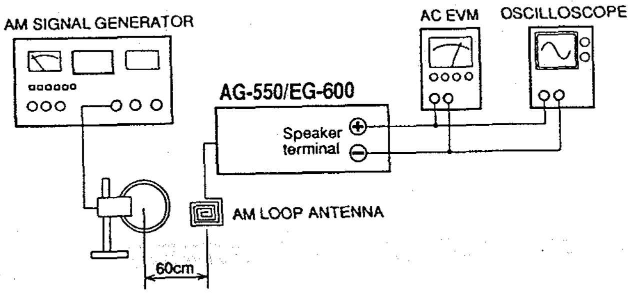
Equipment used

- **AM and FM signal generator (AM and FM-SG)**
- **AC and DC electronic voltmeter (EVM)**
- **Stereo modulator**
- **Distortion analyzer**
- **Oscilloscope**
- **Frequency counter**
- **Choke coil (100μH)**

AM-RF, IF ADJUSTMENT

1. Test equipment connections are shown in fig. 1.
2. Set the unit to "AM" position.
3. Place the radio frequency to 1710 kHz.
4. Adjust L201 core so that voltage measured is 8.2V.
5. Place the radio frequency and signal generator setting to 610 kHz.
6. Adjust L202 for maximum output.
7. Place the radio frequency and signal generator setting to 1500kHz.
8. Adjust C251 for maximum output.
9. Place the radio frequency and signal generator setting to 1020kHz.
10. Adjust L203 for maximum output.
11. Repeat steps 5, 6, 7, 8.

NOTE : **Antenna input level must be as low as possible and be free from AGC.**


AM SIGNAL GENERATOR
AC EVM
OSCILLOSCOPE
AG-550/EG-600
Speaker terminal
⊕
⊖
AM LOOP ANTENNA
60cm

AM SIGNAL GENERATOR CONDITION

Modulation..30%

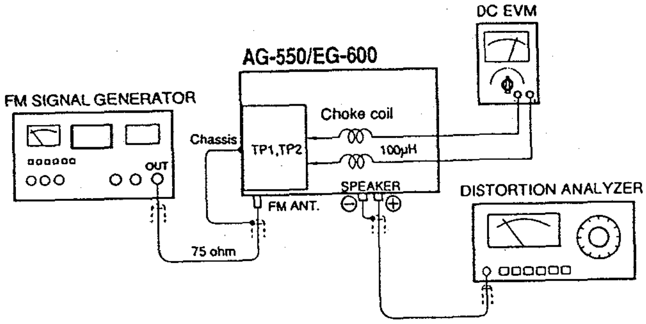
Modulation frequency..................................400Hz

Fig. 1

FM MONO DISTORTION ADJUSTMENT

1. Test equipment connections are shown in fig. 2.
2. Set the unit to "FM" position.
3. Place the radio frequency display and signal generator setting to 98.0MHz.
4. Adjust L102 core so that voltage measured in signal mode is 0mV (0 ± 30mV) in 1V range.
5. Adjust L103 core so that distortion measured in signal mode is maximum.
6. Repeat steps 4 and 5 a few times.
7. make sure distortion is equal in the left and right channels and is at minimum.

NOTE: **The screwdriver used for adjustments should be made of resin.**


DC EVM
AG-550/EG-600
FM SIGNAL GENERATOR
Choke coil
Chassis
TP1,TP2
100μH
OUT
FM ANT.
SPEAKER
⊖
⊕
DISTORTION ANALYZER
75 ohm

FM SIGNAL GENERATOR CONDITION

Modulation...100%

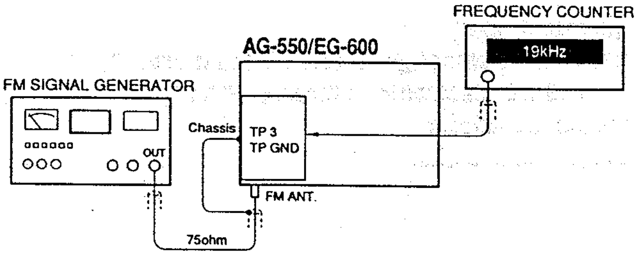
Modulation frequency.....................................1kHz

Output level..60dbf

Fig. 2

FM STEREO VCO ADJUSTMENT

1. Test equipment connections are shown in fig. 3.
2. Set the unit to "FM STEREO" position.
3. Place the radio dial and signal generator setting to 98.0MHz.
4. Adjust R351 for 19kHz±30Hz on frequency counter reading.
5. Tune a stereo broadcast and confirm the frequency stays at 19kHz.


FREQUENCY COUNTER
19kHz
AG-550/EG-600
FM SIGNAL GENERATOR
OUT
Chassis
TP 3
TP GND
FM ANT.
75ohm

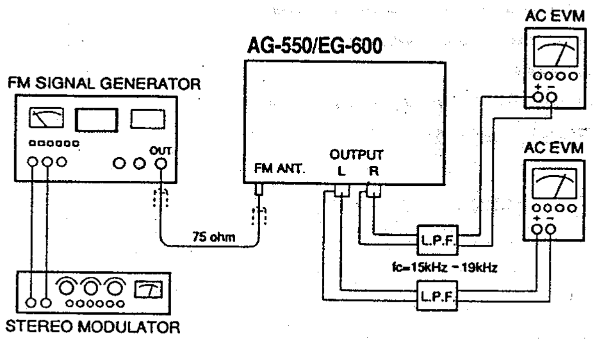
FM SIGNAL GENERATOR CONDITION

Modulation	0
Modulation frequency	0
Output level	60dbf

Fig. 3

FM STEREO SEPARATION ADJUSTMENT

1. Test equipment connections are shown in fig. 4.
2. Set the unit to "FM STEREO" position.
3. Place the radio frequency display and signal generator setting to 98.0 MHz.
4. Adjust R352 so that R ch output is minimized when stereo modulator is in " L" (L ch modulation) mode.


AC EVM
AG-550/EG-600
FM SIGNAL GENERATOR
OUT
OUTPUT
L R
FM ANT.
AC EVM
75 ohm
L.P.F.
fc=15kHz - 19kHz
L.P.F.
STEREO MODULATOR

FM SIGNAL GENERATOR CONDITION

Modulation	" L" mode or " R" mode 45%, Pilot 10%
Modulation frequency	1kHz,Pilot(19kHz)
Output level	60dbf

Fig. 4

ADJUSTMENTS AND TEST POINTS

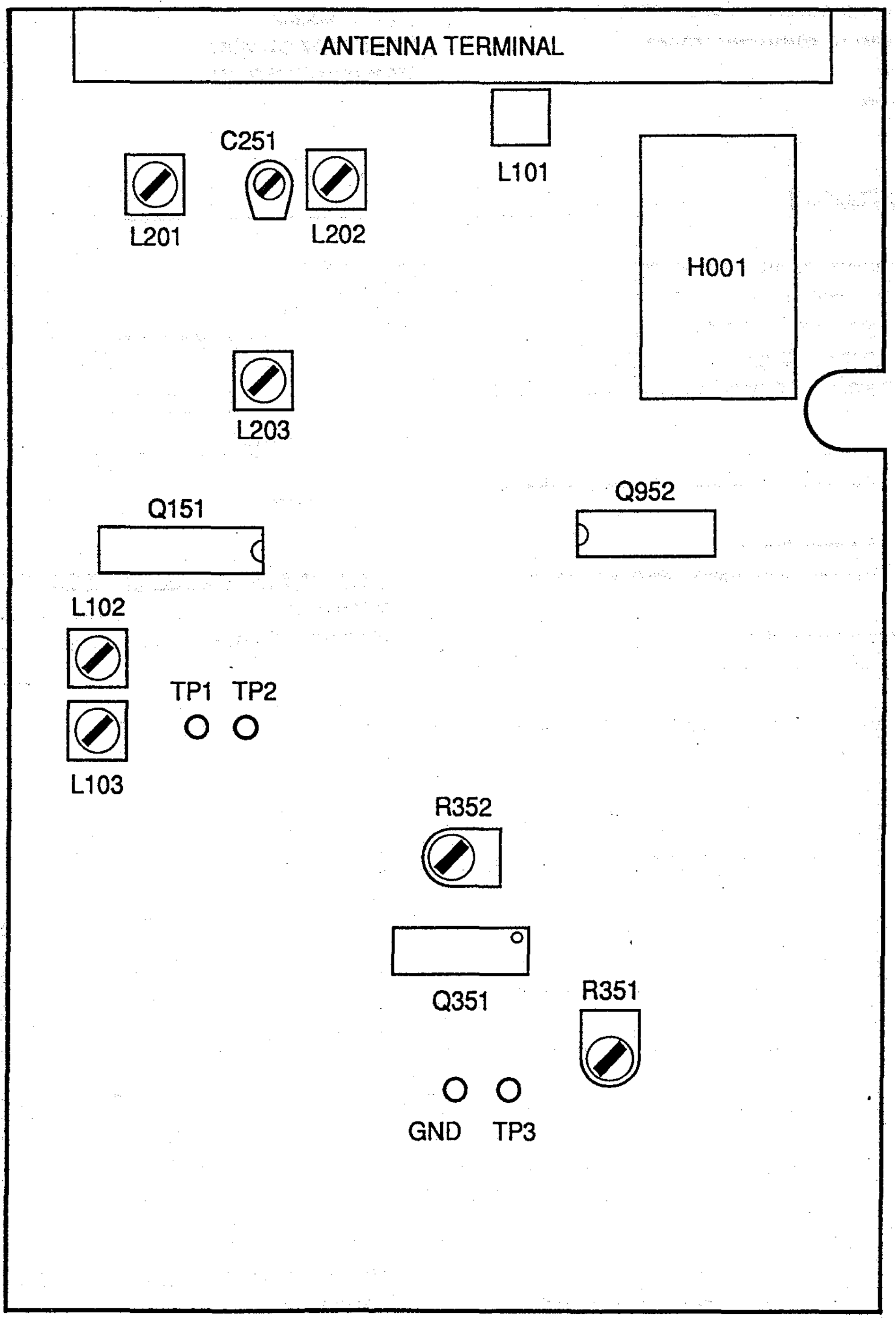

ANTENNA TERMINAL
C251
L101
L201
L202
H001
L203
Q151
Q952
L102
TP1
TP2
L103
R352
Q351
R351
GND
TP3

Fig. 5 AG-550/EG-600 (U.S.A.,Canada and Australia models)

ADJUSTMENTS AND CHECKS

AG-550(Europe model)

ADJUSTMENT PROCEDURE

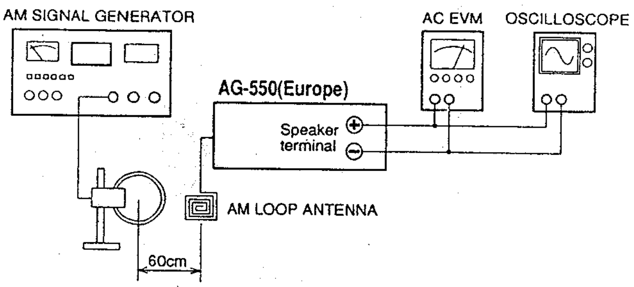
Equipment used

- AM and FM signal generator (AM and FM-SG)
- AC and DC electronic voltmeter (EVM)
- Stereo modulator
- Distortion analyzer
- Oscilloscope
- Frequency counter
- Choke coil (100μH)

AM-RF, IF ADJUSTMENT

1. Test equipment connections are shown in fig. 1.
2. Set the unit to "AM" position.
3. Place the radio frequency to 1611 kHz.
4. Adjust L201 core so that voltage measured is 8.0V.
5. Place the radio frequency and signal generator setting to 603 kHz.
6. Adjust L202 for maximum output.
7. Place the radio frequency and signal generator setting to 1404 kHz.
8. Adjust C251 for maximum output.
9. Place the radio frequency and signal generator setting to 1026 kHz.
10. Adjust L203 for maximum output.
11. Repeat steps 5, 6, 7, 8.

NOTE : **Antenna input level must be as low as possible and be free from AGC.**


AM SIGNAL GENERATOR
AC EVM
OSCILLOSCOPE
AG-550(Europe)
Speaker terminal
⊕
⊖
AM LOOP ANTENNA
60cm

AM SIGNAL GENERATOR CONDITION

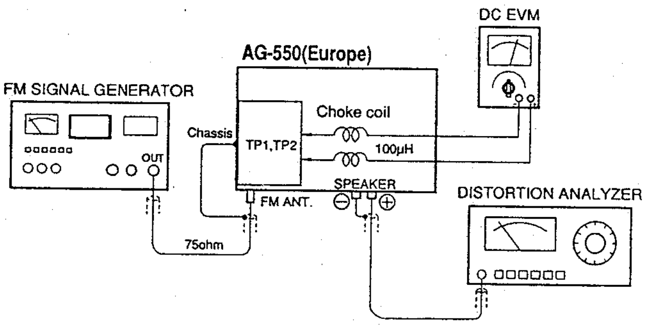
Modulation	30%
Modulation frequency	400Hz

Fig. 1

FM MONO DISTORTION ADJUSTMENT

1. Test equipment connections are shown in fig. 2.
2. Set the unit to "FM" position.
3. Place the radio frequency display and signal generator setting to 98.0 MHz.
4. Adjust L102 core so that voltage measured in signal mode is 0mV (0 ± 30mV) in 1V range.
5. Adjust L102 core so that distortion measured in signal mode is maximum.
6. Repeat steps 4 and 5 a few times.
7. make sure distortion is equal in the left and right channels and is at minimum.

NOTE: **The screwdriver used for adjustments should be made of resin.**


DC EVM
AG-550(Europe)
FM SIGNAL GENERATOR
Choke coil
Chassis
TP1,TP2
100μH
OUT
SPEAKER
FM ANT.
⊖
⊕
DISTORTION ANALYZER
75ohm

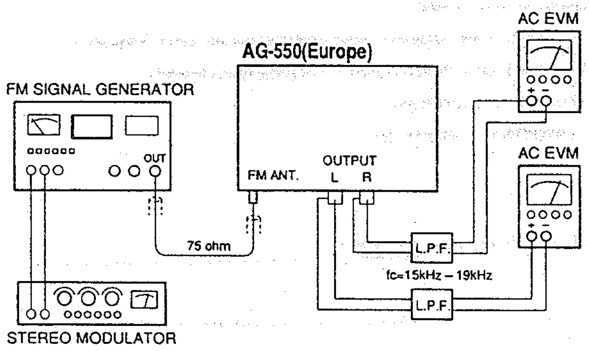
FM SIGNAL GENERATOR CONDITION

Modulation	100%
Modulation frequency	1kHz
Output level	60dbf

Fig. 2

FM STEREO SEPARATION ADJUSTMENT

1. Test equipment connections are shown in fig. 3.
2. Set the unit to "FM STEREO" position.
3. Place the radio frequency display and signal generator setting to 98.0 MHz.
4. Adjust R352 so that R ch output is minimized when stereo modulator is in " L" (L ch modulation) mode.


AC EVM
AG-550(Europe)
FM SIGNAL GENERATOR
OUT
FM ANT.
OUTPUT
L
R
AC EVM
75 ohm
L.P.F.
fc=15kHz – 19kHz
L.P.F.
STEREO MODULATOR

FM SIGNAL GENERATOR CONDITION
Modulation........ " L" mode or " R" mode 45% , Pilot 10%
Modulation frequency..........................1kHz,Pilot(19kHz)
Output level..60dbf

Fig. 3

ADJUSTMENTS AND TEST POINTS

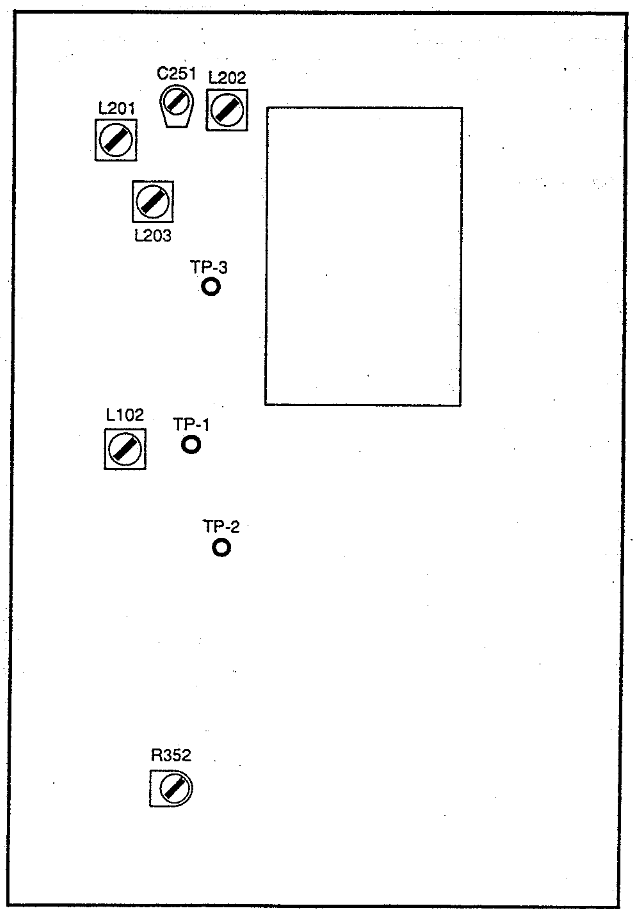

C251
L202
L201
L203
TP-3
L102
TP-1
TP-2
R352

Fig. 4 AG-550 (Europe model)

ADJUSTMENTS AND CHECKS

AG-400

ADJUSTMENT PROCEDURE

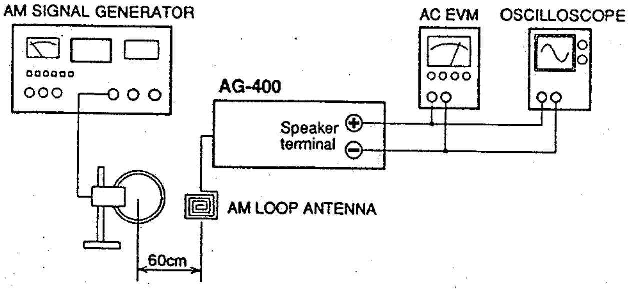
Equipment used

- **AM and FM signal generator (AM and FM-SG)**
- **AC and DC electronic voltmeter (EVM)**
- **Stereo modulator**
- **Distortion analyzer**
- **Oscilloscope**
- **Frequency counter**
- **Choke coil (100µH)**

AM-RF ADJUSTMENT

1. Test equipment connections are shown in fig. 1.
2. Set the unit to "AM" position.
3. Place the radio frequency to 1620 kHz.
4. Adjust L201 core so that voltage measured is 8.2V.
5. Place the radio frequency and signal generator setting to 610 kHz.
6. Adjust L202 for maximum output.
7. Place the radio frequency and signal generator setting to 1400 kHz.
8. Adjust C251 for maximum output.
9. Repeat steps 5, 6, 7, 8.

NOTE : **Antenna input level must be as low as possible and be free from AGC.**


AM SIGNAL GENERATOR
AC EVM
OSCILLOSCOPE
AG-400
Speaker terminal
⊕
⊖
AM LOOP ANTENNA
60cm

AM SIGNAL GENERATOR CONDITION

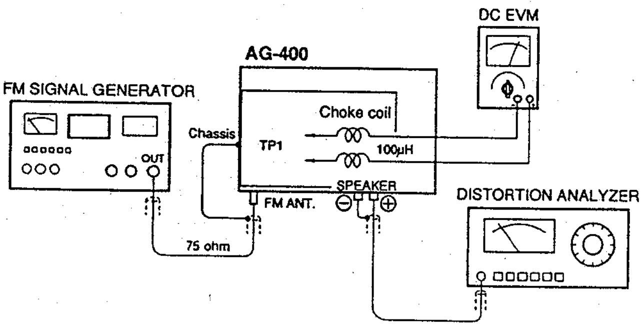
Modulation	30%
Modulation frequency	400Hz

Fig. 1

FM MONO DISTORTION ADJUSTMENT

1. Test equipment connections are shown in fig. 2.
2. Set the unit to "FM" position.
3. Place the radio frequency display and signal generator setting to 98.0MHz.
4. Adjust L101 core so that voltage measured in signal mode is 0mV (0 ± 30mV) in 1V range.
5. Adjust L102 core so that distortion measured in signal mode is maximum.
6. Repeat steps 4 and 5 a few times.
7. make sure distortion is equal in the left and right channels and is at minimum.

NOTE: **The screwdriver used for adjustments should be made of resin.**


DC EVM
AG-400
FM SIGNAL GENERATOR
Choke coil
Chassis
TP1
100µH
OUT
SPEAKER
FM ANT.
⊖
⊕
DISTORTION ANALYZER
75 ohm

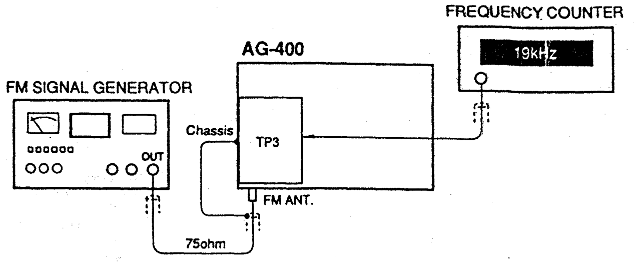
FM SIGNAL GENERATOR CONDITION

Modulation	100%
Modulation frequency	1kHz
Output level	60dbf

Fig. 2

FM STEREO VCO ADJUSTMENT

1. Test equipment connections are shown in fig. 3.
2. Set the unit to "FM STEREO" position.
3. Place the radio dial and signal generator setting to 98.0MHz.
4. Adjust R351 for 19kHz±30Hz on frequency counter reading.
5. Tune a stereo broadcast and confirm the frequency stays at 19kHz.


FREQUENCY COUNTER
19kHz
AG-400
FM SIGNAL GENERATOR
OUT
Chassis
TP3
FM ANT.
75ohm

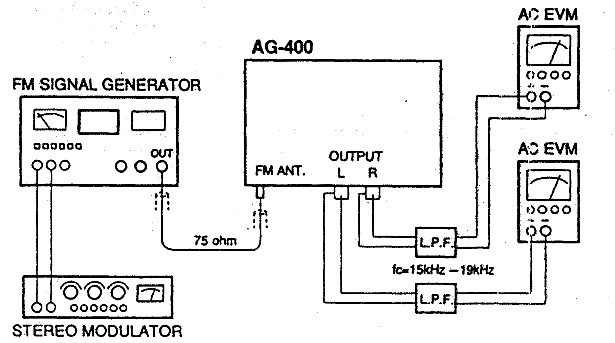
FM SIGNAL GENERATOR CONDITION

Modulation.. 0
Modulation frequency....................................... 0
Output level 60dbf

Fig. 3

FM STEREO SEPARATION ADJUSTMENT

1. Test equipment connections are shown in fig. 4.
2. Set the unit to "FM STEREO" position.
3. Place the radio frequency display and signal generator setting to 98.0 MHz.
4. Adjust R352 so that R ch output is minimized when stereo modulator is in " L" (L ch modulation) mode.


AC EVM
AG-400
FM SIGNAL GENERATOR
OUT
FM ANT.
OUTPUT
L
R
AC EVM
L.P.F.
fc=15kHz – 19kHz
75 ohm
L.P.F.
STEREO MODULATOR

FM SIGNAL GENERATOR CONDITION

Modulation........ " L" mode or " R" mode 45% , Pilot 10%
Modulation frequency.........................1kHz, Pilot(19kHz)
Output level.. 60dbf

Fig. 4

ADJUSTMENTS AND TEST POINTS

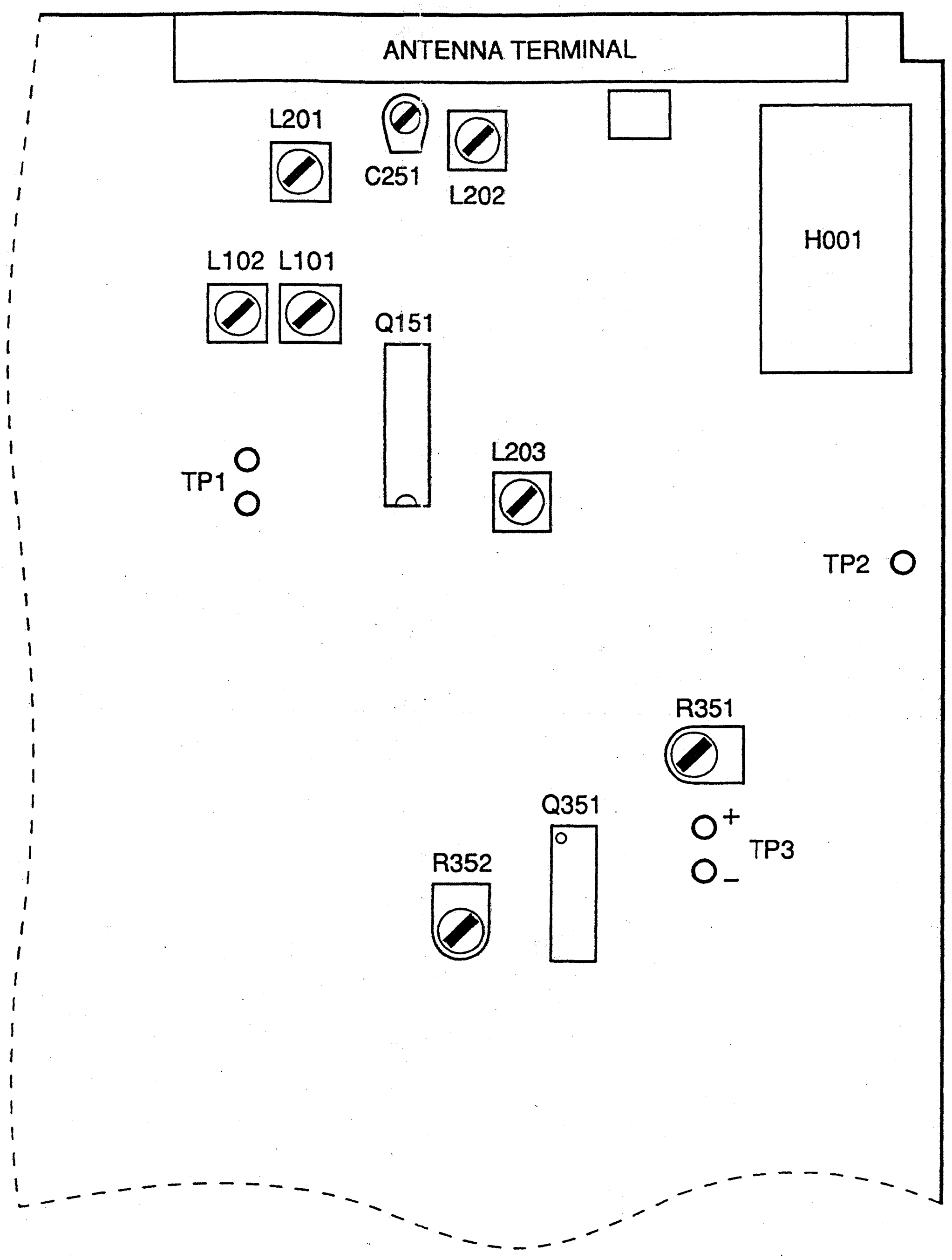
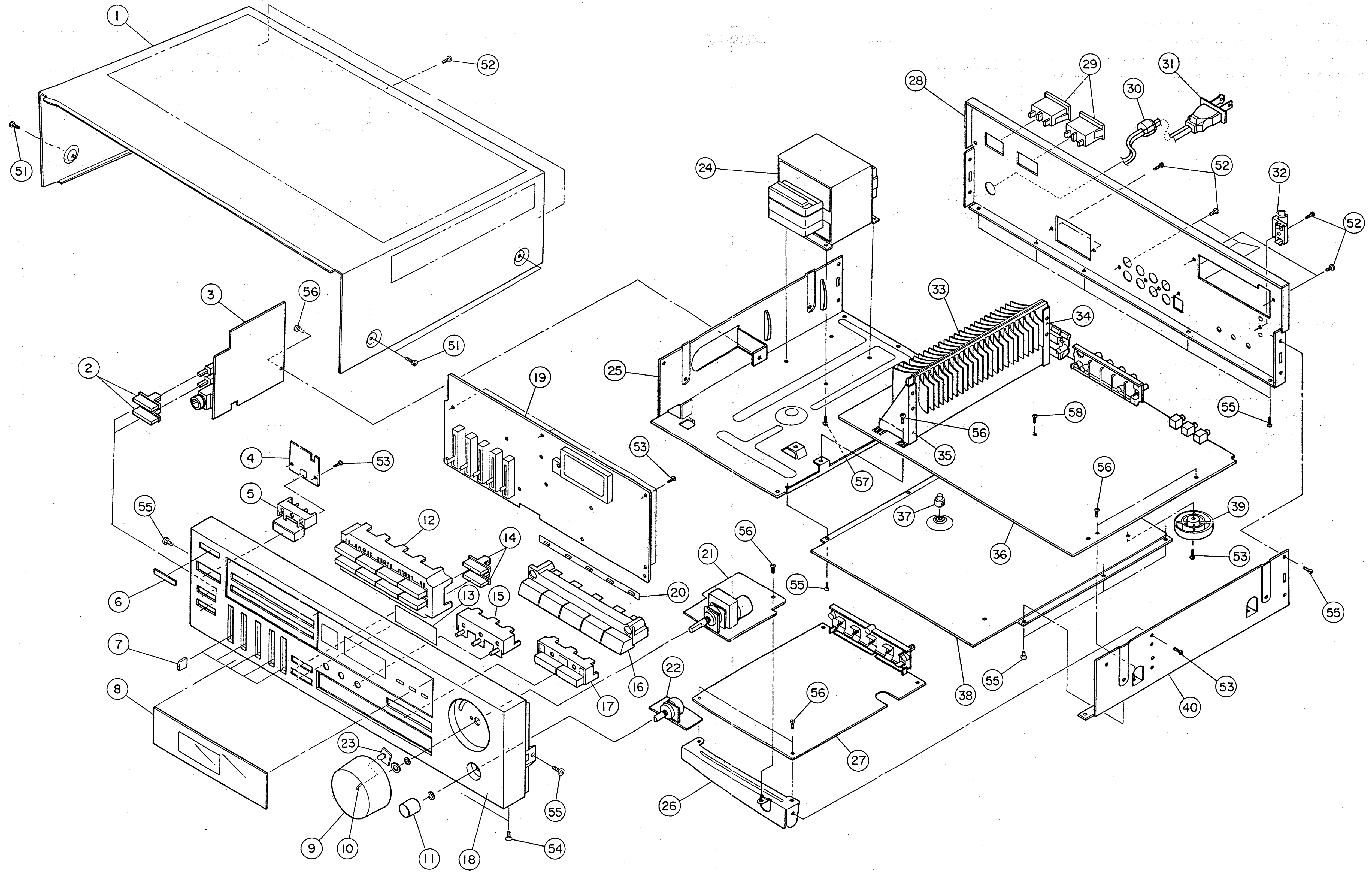

ANTENNA TERMINAL
L201
C251
L202
H001
L102
L101
Q151
TP1
L203
TP2
R351
Q351
+
TP3
-
R352

Fig. 5 AG-400

EXPLODED VIEWS AND PARTS LIST

EXPLODED VIEW - 1 (AG-550/EG-600)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26

EXPLODED VIEW-1 (AG-550/EG-600)

REF.NO.	PARTS NO.	DESCRIPTION	REMARKS
1- 1	*9A02966200	TOP COVER BODY	
1- 2	9A02704300	KNOB, SPEAKER	
1- 3	*9A02723300	SPK. PCB ASSY [US,C]	Ref. pages 16 & 20
	*9A02723320	SPK. PCB ASSY [E]	Ref. pages 16 & 20
	*9A02723340	SPK. PCB ASSY [A]	Ref. pages 16 & 20
1- 4	*9A02723200	P/SW PCB ASSY	Ref. pages 16 & 20
1- 5	9A02704800	KNOB, POWER	
1- 6	*9A02705300	PLATE, BRAND MARK [US,C]	
	*9A02956100	PLATE, BRAND MARK (EG-600)	
	*9A02966100	PLATE, BRAND MARK [E,A]	
1- 7	*9A02705200	KNOB, GRAPHIC EQ	
1- 8	*9A02704000	PLATE, ORNAMENT (AG-550)	
	*9A02956200	PLATE, ORNAMENT (EG-600)	
1- 9	9A02704500	KNOB, MAIN VOLUME	
1-10	*9A02705400	INDICATOR MAIN VOLUME	
1-11	*9A02705100	KNOB, BALANCE (AG-550)	
	*9A02956300	KNOB, BALANCE (EG-600)	
1-12	9A02704700	KNOB, PRESET	
1-13	*9A02704100	PLATE, FLD FILTER [US,C]	
	*9A02956900	PLATE, FLD FILTER [E,A]	
1-14	9A02704400	KNOB, LOUDNESS	
1-15	*9A02704900	KNOB, MODE	
1-16	9A02705000	KNOB, FUNCTION (AG-550)	
	9A02956400	KNOB, FUNCTION (EG-600)	
1-17	9A02704600	KNOB, TUNING (AG-550)	
	9A02956500	KNOB, TUNING (EG-600)	
1-18	*9A03111200	FRONT COVER [US,C,A]	
	*9A02971000	FRONT COVER [E]	
	*9A03199300	FRONT COVER (EG-600)	
1-19	*9A02723400	EQ PCB ASSY [US,C]	Ref. pages 16 & 19
	*9A02723420	EQ PCB ASSY [E]	Ref. pages 16 & 19
	*9A02723440	EQ PCB ASSY [A]	Ref. pages 16 & 19
	*9A02956700	EQ PCB ASSY (EG-600)	Ref. pages 16 & 19
1-20	*9A02705500	INDICATOR FUNCTION	
1-21	*9A02723000	V/R PCB ASSY [US,C,A]	Ref. pages 16 & 20
	*9A02723020	V/R PCB ASSY [E]	Ref. pages 16 & 20
1-22	*9A02723100	BALANCE PCB ASSY [US,C,A]	Ref. pages 16 & 20
	*9A02723120	BALANCE PCB ASSY [E]	Ref. pages 16 & 20
1-23	9A02723500	LED PCB ASSY	Ref. pages 16 & 20
1-24	⚠ 9A02702900	TRANS,POWER KPW2128F 120V [US,C]	
	⚠ 9A02957000	TRANS,POWER KPW 2348A240V [A]	
	9A02965600	TRANS, POWER KPW2838A [E]	
1-25	*9A02967000	BOTTOM CHASSIS	
1-26	*9A02706000	BRACKET, TUNER PCB	
1-27	*9A02722800	TUNER PCB ASSY [US,C]	Ref. pages 14 & 17
	*9A02722820	TUNER PCB ASSY [E]	Ref. pages 14 & 17
	*9A02722840	TUNER PCB ASSY [A]	Ref. pages 14 & 17
1-28	*9A02705700	REAR PANEL, BODY [US,C]	
	*9A02966300	REAR PANEL, BODY [E]	
	*9A03109500	REAR PANEL, BODY [A]	
	*9A02956800	REAR PANEL, BODY (EG-600)	
1-29	⚠*9A02697500	AC OUTLET, SJ-101(EP)	

[US]:U.S.A. [C]:CANADA [E]:EUROPE [A]:AUSTRALIA

Parts marked with *require longer delivery time.

EXPLODED VIEW-1 (AG-550/EG-600)

REF.NO.	PARTS NO.	DESCRIPTION	REMARKS
1-30	*9A02705900	BUSHING, PWR.CORD SR-5N-4	
1-31	⚠*9A02702400	CORD AC, 125V 15A EP [US,C]	
	⚠*9A02957200	CORD AC, 250V 7.5A SAA [A]	
	⚠*9A02965500	AC CORD, 250V 2.5A GP VDE [E]	
1-31	⚠*9A02702500	CORD AC, 125V 15A EP UL	
1-32	*9A02706700	LOOP ANTENNA HOLDER-A	
1-33	*9A02707600	HEAT SINK-A [US,C]	
	*9A02967200	HEAT SINK-A [E,A]	
1-34	*9A02706400	BRACKET, HEAT SINK-L	
1-35	*9A02706300	BRACKET, HEAT SINK-R	
1-36	*9A02722700	MAIN PCB ASSY [US,C]	Ref. pages 15 & 18
	*9A02722720	MAIN PCB ASSY [E]	Ref. pages 15 & 18
	*9A02722740	MAIN PCB ASSY [A]	Ref. pages 15 & 18
1-37	*9A02704200	PCB HOLDER	
1-38	*9A02966900	BOTTOM PLATE	
1-39	*9A02707200	FOOT	
1-40	*9A02707400	BOTTOM GUIDE	
1-51	*9A02691900	SCREW, PBTB 4*8 SBN	
1-52	*9A02692000	SCREW, PBTB 3*10 SBN	
1-53	*9A02692300	SCREW, BTB 3*10 SZN	
1-54	*9A02703700	SCREW, PSTB 3*8	
1-55	*9A02692100	SCREW, BTB 3*6 SZN	
1-56	*9A02692600	SCREW, BTBW 3*8 SZN	
1-57	*9A02692500	SCREW, BTB 4*8 SZN	
1-58	*9A02692700	SCREW, BTBW 3*12 SZN	

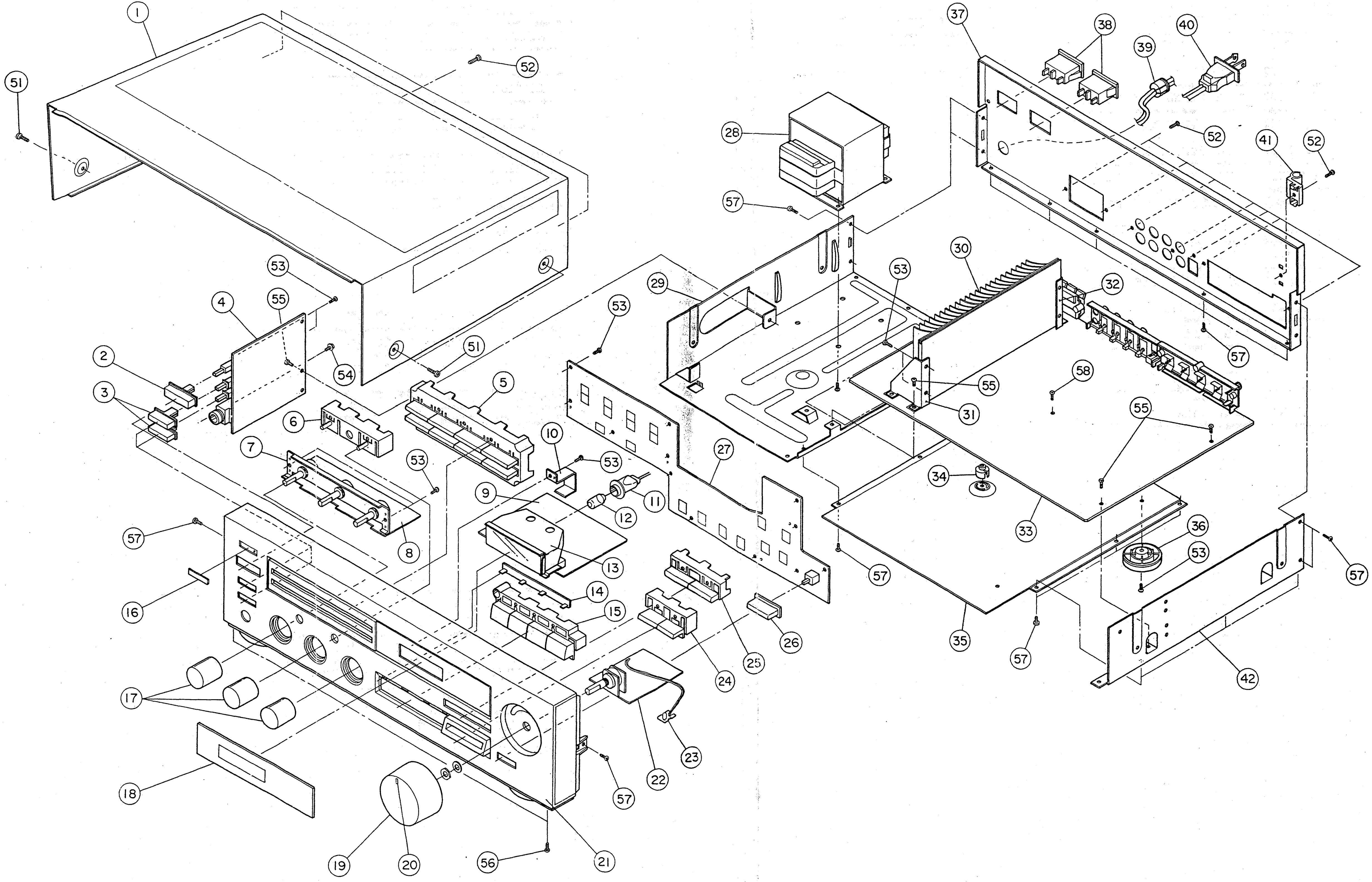
INCLUDED ACCESORIES

REF.NO.	PARTS NO.	DESCRIPTION	REMARKS
	*9A02527400	OWNER'S MANUAL (AG-400)	
	*9A02527500	OWNER'S MANUAL (AG-550 US,C)	
	*9A02527600	OWNER'S MANUAL (AG-550 E)	
	*9A02527700	OWNER'S MANUAL (EG-600)	
	*9A02728800	REMOTE CONTROL UNIT UR-200 (EXCEPT AG-400)	
	*9A02692900	DRY BATTERY, 1.5V AAA (EXCEPT AG-400)	
	*9A02724800	AM ANTENNA ASSY	
	*9A02699500	FM ANTENNA ASSY	
	*9A02965300	MATCHING UNIT, 75-300 OHM (AG-550 E)	

[US]:U.S.A. [C]:CANADA [E]:EUROPE [A]:AUSTRALIA

Parts marked with *require longer delivery time.

EXPLODED VIEW - 2 (AG-400)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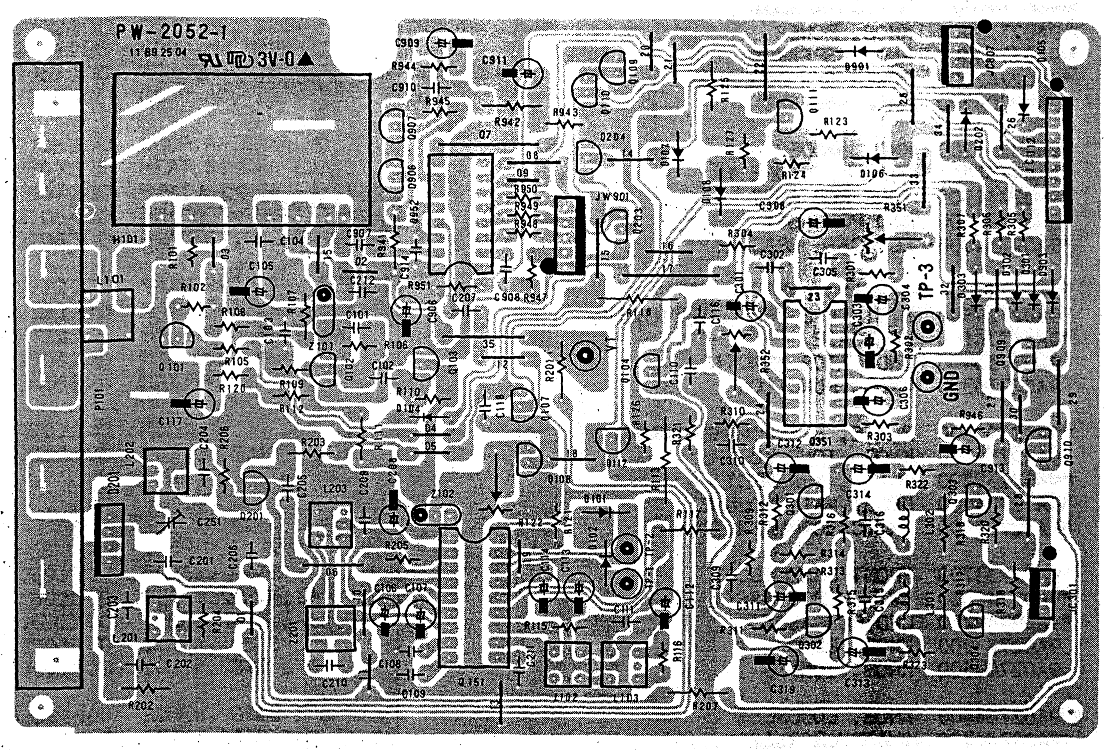
EXPLODED VIEW - 2

REF.NO.	PARTS NO.	DESCRIPTION	REMARKS
2- 1	*9A02733500	TOP COVER BODY	
2- 2	9A02732900	KNOB, POWER	
2- 3	9A02704300	KNOB, SPEAKER	
2- 4	*9A02742000	POWER S/W PCB ASSY	Ref. pages 23 & 26
2- 5	9A02704700	KNOB, PRESET	
2- 6	9A02733200	KNOB, MODE	
2- 7	*9A02733800	BRACKET, TONE VR	
2- 8	*9A02741900	TONE PCB ASSY	Ref. pages 22 & 25
2- 9	*9A02741600	LCD PCB ASSY	Ref. pages 23 & 26
2-10	*9A02734500	LCD CASE BRACKET	
2-11	*9A02734000	HOUSING LAMP	
2-12	9A02729500	MINIATURE LAMP, 12V 185MA	
2-13	*9A02734100	LCD CASE	
2-14	9A02733400	INDICATOR FUNCTION	
2-15	9A02733300	KNOB, FUNCTION	
2-16	*9A02705300	PLATE, BRAND MARK(DIACUTT	
2-17	9A02732800	KNOB, TONE VOLUME	
2-18	*9A02732700	PLATE, ORNAMENT	
2-19	9A02704500	KNOB, MAIN VOLUME	
2-20	*9A02705400	INDICATOR MAIN VOLUME	
2-21	*9A02733700	FRONT PANEL BODY	
2-22	*9A02741800	SWITCH PCB ASSY (2)	Ref. pages 22 & 25
2-23	*9A02742200	LED PCB ASSY	Ref. pages 22 & 25
2-24	9A02733000	KNOB, BAND	
2-25	9A02704600	KNOB, TUNING	
2-26	9A02704400	KNOB, LOUDNESS	
2-27	*9A02741700	SWITCH PCB ASSY (1)	Ref. pages 22 & 25
2-28	⚠*9A02732600	TRANS, POWER KPW2128E	
2-29	*9A02707500	BOTTOM CHASSIS	
2-30	*9A02734600	HEAT SINK-A	
2-31	*9A02734200	BRACKET, HEAT SINK-R	
2-32	*9A02734300	BRACKET, HEAT SINK-L	
2-33	*9A02741400	MAIN PCB ASSY	Ref. pages 21 & 24
2-34	*9A02704200	PCB HOLDER	
2-35	*9A02707300	BOTTOM PLATE	
2-36	*9A02707200	FOOT	
2-37	*9A02733600	REAR PANEL BODY	
2-38	⚠*9A02697500	AC OUTLET, SJ-101(EP)	
2-39	*9A02705900	BUSHING, POWER CORD SR5N4	
2-40	⚠*9A02702400	CORD AC, 125V 15A EP UL	
2-41	*9A02706700	LOOP ANTENNA HOLDER-A	
2-42	*9A02707400	BOTTOM GUIDE	
2-51	*9A02691900	SCREW, PBTB 4*8 SBN	
2-52	*9A02692000	SCREW, PBTB 3*10 SBN	
2-53	*9A02692300	SCREW, BTB 3*10 SZN	
2-54	*9A02729100	SCREW, PBW 3*10 SZN	
2-55	*9A02692600	SCREW, BTBW 3*8 SZN	
2-56	*9A02703700	SCREW, PSTB 3*8	
2-57	*9A02692100	SCREW, BTB 3*6 SZN	
2-58	*9A02692700	SCREW, BTBW 3*12 SZN	

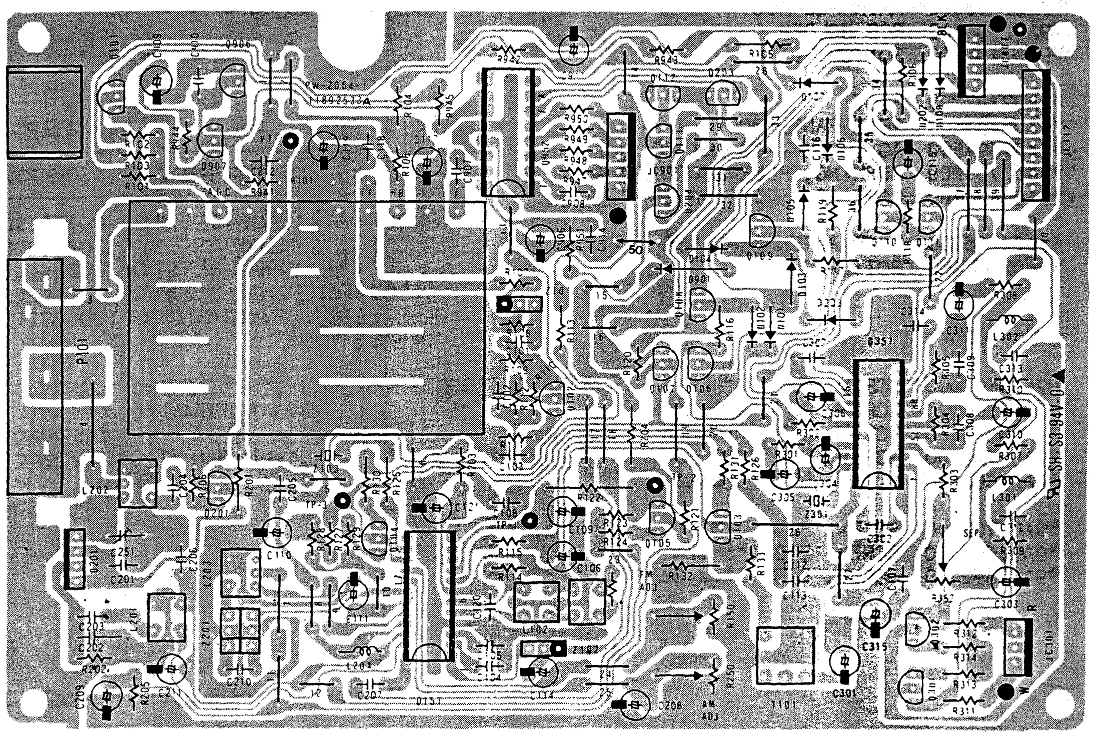
Parts marked with *require longer delivery time.

PC BOARDS AND PARTS LIST AG-550/EG-600

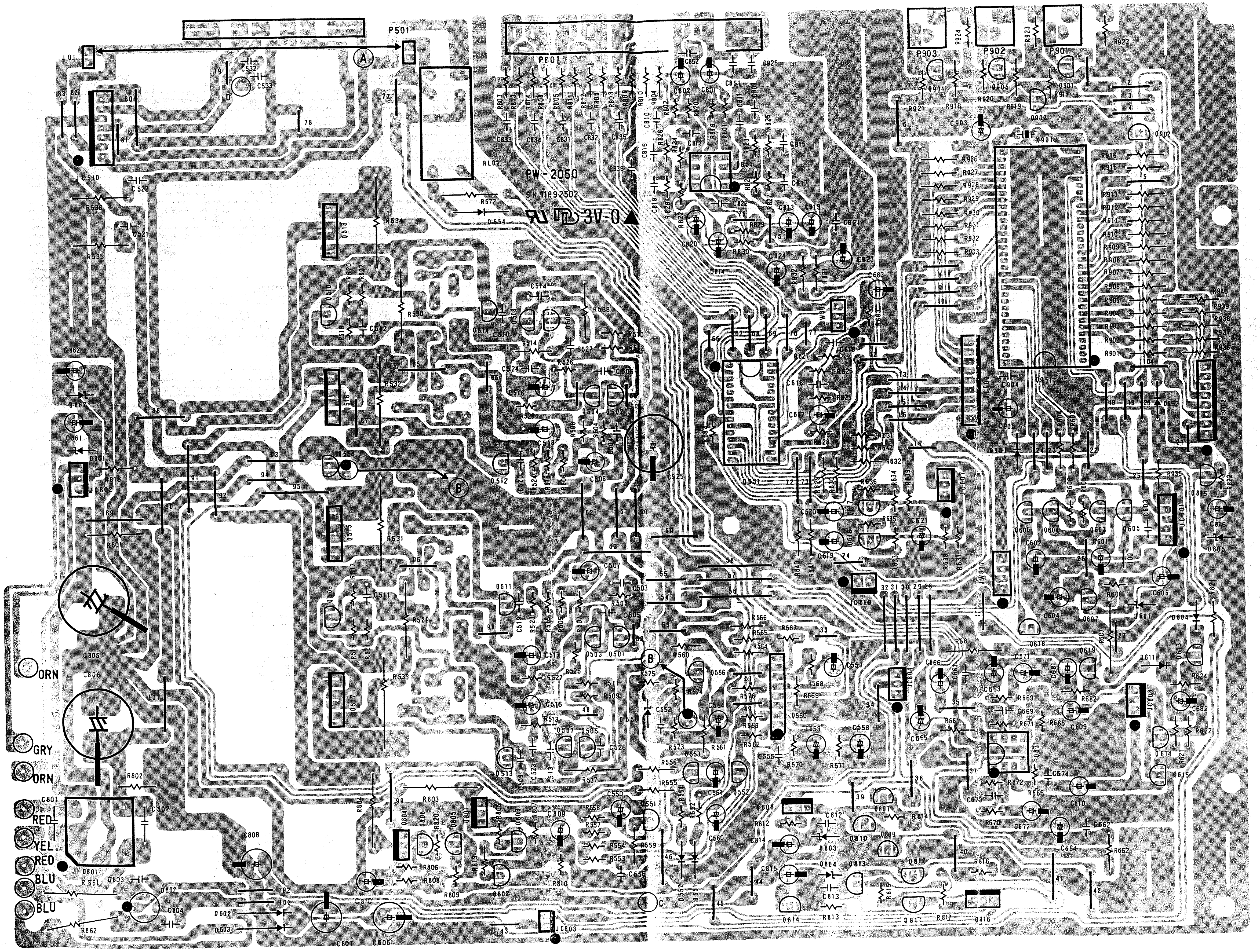
TUNER PCB ASSY
(U.S.A., Canada and Australia models)


PW-2052-1
3V-0▲
TP-3
GND
TP-2
P101
L101
L102
L103
IC301

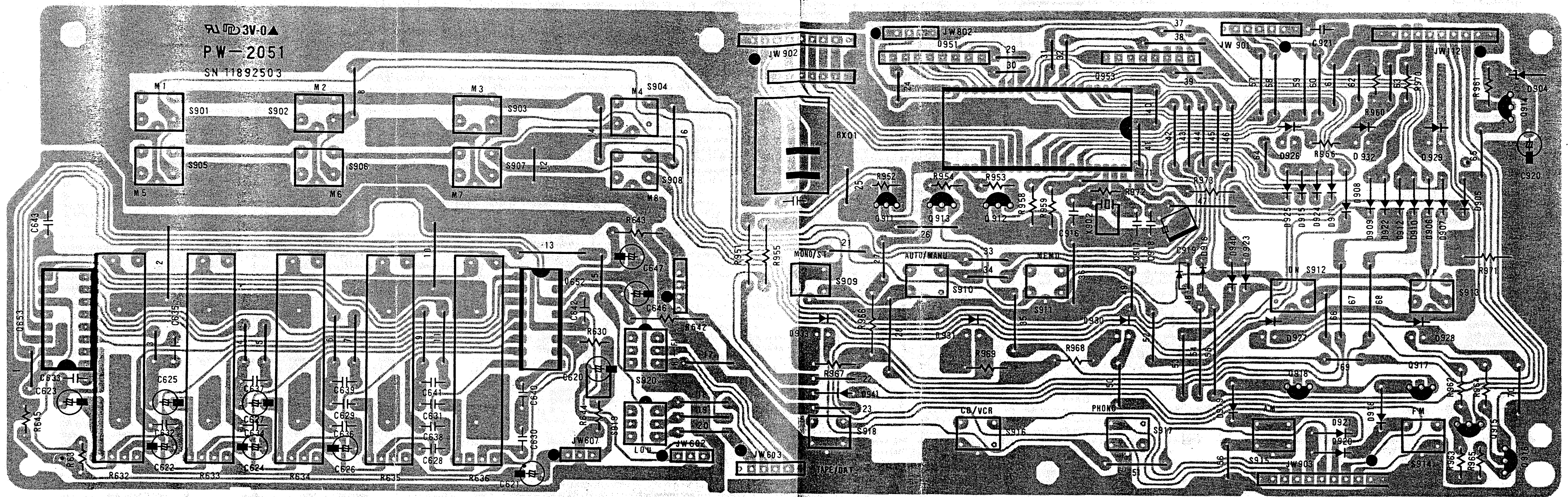
TUNER PCB ASSY
(Europe model)


PW-2054
P101
TP-3
L102
Z102
L101
IC301
AM ADJ
SEP

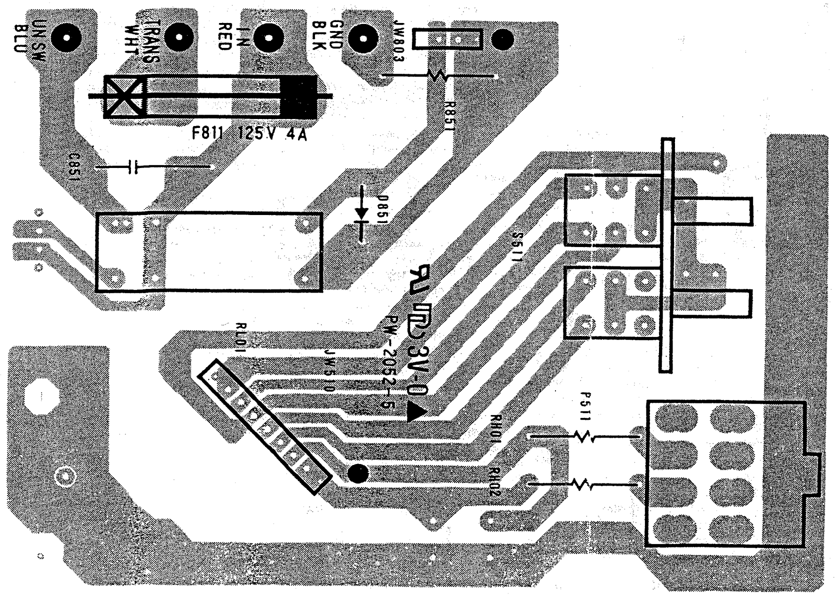
MAIN PCB ASSY


PW-2050
S/N 11892502
3V-0
P501
P601
P901
P902
P903
A
B
C
ORN
GRY
ORN
RED
YEL
RED
BLU
BLU
JC510
JC802
JC803
JC810
JC601
JC604
JC607
JC608
RL02
X901
IC301
IC302
IC303
Q551
Q951
C807
C806
C808
C805
C806
R534
R535
R536
R801
R802
R804
R861
R862
D801
D802
D602
D603
D554
R572

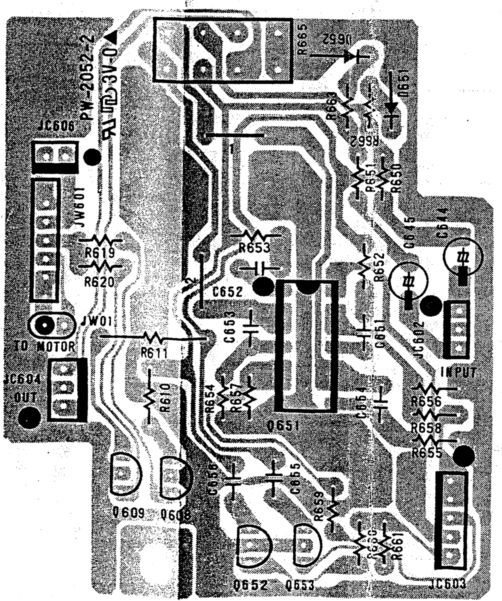
EQ PCB ASSY


3V-0
PW-2051
SN 11892503
S901
S902
S903
S904
S905
S906
S907
S908
S909
S910
S911
S912
S913
S914
S915
S916
S917
S918
S919
S920
MONO/ST
AUTO/MANU
MEMO
CD/VCR
PHONO
TAPE/DAT
FM
LOW
JW902
JW802
JW901
JW603
JW607
JW602
JW903
Q951
Q652
R632
R633
R634
R635
R636

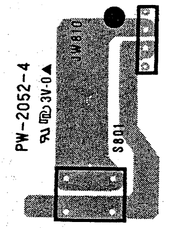
SPK PCB ASSY


UNSW BLU
TRANS WHT
RED
GND BLK
JW803
F811 125V 4A
C851
D851
R851
S511
PW-2052-5
3V-0
JW510
R101
R102
F511

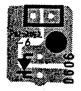
V/R PCB ASSY


PW-2052-2
3V-0
JC606
JW601
JW01
TO MOTOR
JC604
OUT
INPUT
JC603
Q609
Q608
Q651
Q652
Q653
R665
R619
R620
R611
R610
R653
R652
R650
C652
C653

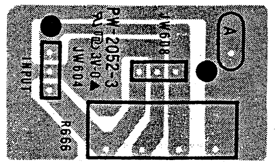
P/SW PCB ASSY


PW-2052-4
3V-0
JW810
S801

LED PCB ASSY



BALANCE PCB ASSY


PW-2052-3
3V-0
JW604
JW606
INPUT
R666
A

TUNE
REF.

A201
A201
A201
A201
D101
D103-
D201
D202
D301-
D901
D901,
H101
12
JC301
JC807
JC901
L101
L102
L103
L201
L202
L203
L204
L301
P100
P101
P101A
Q101
Q102
Q102
Q103
Q104
Q105
Q106
Q107
Q107
Q108

[US]:U

Parts

TUNER PCB ASSY

REF.NO.	PARTS NO.	DESCRIPTION
	*9A02722800	TUNER PCB ASSY [US,C]
	*9A02722820	TUNER PCB ASSY [E]
	*9A02722840	TUNER PCB ASSY [A]
A201	9A02692600	SCREW, BTBW 3*8 SZN
A201B	9A02706000	BRACKET, TUNER PCB
A201C	9A02692100	SCREW, BTB 3*6 SZN
A201D	9A02706500	TERMINAL, EARTH [US,C,E]
D101 102	9A02696600	DIODE, 1N4148 [E]
	9A02696800	DIODE, KDS8513A-0 [US,C,A]
D103-108	9A02696600	DIODE, 1N4148
D201	9A02697000	DIODE, K1236Z-2.3.4
D202	9A02696600	DIODE, 1N4148
D301-303	9A02696600	DIODE, 1N4148
D901	9A02696600	DIODE, 1N4148 [E]
D901,903	9A02696600	DIODE, 1N4148 [US,C,A]
H101	9A02699400	FM TUNER,PACK KCF201H [US,C,A]
	9A02965200	FM TUNER, TFFG3E178A [E]
JC112	9A02702300	CONNECTOR, 8P 52011-0810
JC301	9A02701400	PLUG, 3P MINI STOPPER
JC807	9A02701500	PLUG, 4P MINI STOPPER
JC901	9A02702100	CONNECTOR, 5P 52011-0510
L101	9A02703100	TRANS, BALUN FM [US,C,A]
	9A02965800	COIL, KRFE216 [E]
L102	9A02703500	COIL, FM DET KRFE511 [US,C,A]
	9A02965700	COIL, SIF KRFD223 [E]
L103	9A02703600	COIL, FM DET KRFE512 [US,C,A]
L201	9A02703200	COIL, AM OSC KRFE508
L202	9A02703300	COIL, AM RF KRFE509
L203	9A02703400	COIL, AM DET KRFE510
L204	9A02965900	PEAKING COIL, KRF4102K [E]
L301 302	9A02703000	COIL, PEAKING 5MH
P100	9A02700700	TERMINAL, PIN 1.0*15
P101	9A02700600	TERMINAL BOARD,KSPT-1501 [US,C,A]
	9A02965400	ANT.TERMINAL,SC021058IN [E]
P101A	9A02692000	SCREW, PBTB 3*10 SBN
P111	9A02700700	TERMINAL, PIN 1.0 *15 [US,C,A]
Q101	9A02694100	TRANSISTOR, KTC1815-Y
Q102 103	9A02693900	TRANSISTOR, KTC380TM-Y [US,C,A]
Q102	9A02964300	TRANSISTOR, KTC1923-Y [E]
Q103	9A02964500	TRANSISTOR, KTC1815-GR [E]
Q104	9A02694100	TRANSISTOR, KTC1815-Y [US,C,A]
Q105	9A02964400	TRANSISTOR, KTK30ATM-GR [E]
Q106	9A02695900	TRANSISTOR, BRT KRA2204 [E]
Q107	9A02695800	TRANSISTOR, BRT KRA2201 [US,C,A]
Q107 108	9A02696200	TRANSISTOR, BRT KRC1204 [E]
Q108	9A02694100	TRANSISTOR, KTC1815-Y [US,C,A]

TUNER PCB ASSY

REF.NO.	PARTS NO.	DESCRIPTION
Q109	9A02696300	TRANSISTOR, BRT KRC1207 [US,C,A]
Q109 110	9A02696200	TRANSISTOR, BRT KRC1204 [E]
Q110	9A02696000	TRANSISTOR, BRT KRA2207 [US,C,A]
Q111	9A02694100	TRANSISTOR, KTC1815-Y [US,C,A]
	9A02695900	TRANSISTOR, BRT KRA2204 [E]
Q112	9A02693800	TRANSISTOR, KTA1015-Y [US,C,A]
	9A02696300	TRANSISTOR, BRT KRC1207 [E]
Q113	9A02696000	TRANSISTOR, BRT KRA2207 [E]
Q151	9A02698500	IC, FM AM IF DET AN7273 [US,C,A]
	9A02965000	IC, LA1266 [E]
Q201	9A02694800	TRANSISTOR, FET KTK161GR
Q203	9A02696300	TRANSISTOR, BRT KRC1207
Q204	9A02696000	TRANSISTOR, BRT KRA2207
Q301 302	9A02694100	TRANSISTOR, KTC1815-Y
Q303 304	9A02694100	TRANSISTOR, KTC1815-Y [US,C,A]
Q351	9A02698700	IC, MPX KA2261 [US,C,A]
	9A02965100	IC, LA3401 [E]
Q906 907	9A02694100	TRANSISTOR, KTC1815-Y
Q909	9A02696200	TRANSISTOR, KRC1204 [US,C,A]
Q910	9A02695900	TRANSISTOR, KRA2204 [US,C,A]
Q952	9A02699300	IC, PLL TC9172P
R150	9A02968900	VR, SEMI RV08FB204NCO [E]
R250	9A02968800	VR, SEMI RV08FB503NCO [E]
R351	9A02710000	RV08FB103NCO [US,C,A]
R352	9A02709900	RV08FB102NCO [US,C,A]
R352	9A02968900	VR, SEMI RV08FB204NCO [E]
U112	9A02708000	PCB, TUNER PW-2052 [US,C]
	9A02967500	PCB, TUNER PW-2054 [E]
	9A03109600	PCB, TUNER PW-2052 [A]
Z101 102	9A02693000	FILTER, SFE10.7MS-2A [US,C]
Z101 102	9A02957400	CERA.FILTER, 10.7MS3GK-A [E,A]
Z103	9A02964100	CERAMIC FILTER, BFU450C4N [E]
Z201	9A02693100	CERA.SESONATOR, SFZ450F
Z301	9A02964200	CERA.RESONATOR, CSB456F11 [E]

[US]:U.S.A. [C]:CANADA [E]:EUROPE [A]:AUSTRALIA

Parts marked with *require longer delivery time.

As regards the resistors and capacitors, refer to the circuit diagrams and the PCB ass'y drawings contained in this manual.

MAIN PCB ASSY

REF.NO.	PARTS NO.	DESCRIPTION
	*9A02722700	MAIN PCB ASSY [US,C]
	*9A02722720	MAIN PCB ASSY [E]
	*9A02722740	MAIN PCB ASSY [A]
B102	9A02692600	SCREW, BTBW 3*8 SZN
B103	9A02692700	SCREW, BTBW 3*12 SZN
B103A	9A02966600	LEAD PLATE [E]
B401	9A02707700	HEAT SINK-B
B401A	9A02703800	SCREW, PP 3*0.5*16 SZN
B401B	9A02703900	NUT, N 3*0.5 SZN
B401C	9A02692800	WASHER, TOOTHED LOCK LW3
B517	9A02707600	HEAT SINK-A [US,C]
B517	9A02967200	HEAT SINK-A [E,A]
B517A	9A02706300	BRACKET, HEAT SINK-R
B517B	9A02706400	BRACKET, HEAT SINK-L
B517C	9A02692600	SCREW, BTBW 3*8 SZN
B517D	9A02692400	SCREW, BTB 3*12 SZN
B517E	9A02706200	BRACKET, TR
B517F	9A02692100	SCREW, BTB 3*6 SZN
B517G	9A02725000	INSULATOR, AC229
B517H	9A02692400	SCREW, BTB 3*12 SZN
B517I	9A02692200	SCREW, BTB 3*8 SZN
C525	9A02720200	C. CE04W1H102
C801 802	9A02711000	C., CERAMIC CK45B2H103K
C803 804	9A02711400	C., CK45F1H473Z
C805 806	9A02720900	C. CE04W1H472 [US]
C805 806	9A02957300	C., ELEC CE69W1J472 [E,A]
C807 808	9A02722400	C. CE04W1E102
D401	9A02697100	BRIDGE DIODE, BR82
D550	9A02696900	ZENER DIODE, 05AZ6.2Z [US]
D550	9A02964700	ZENER DIODE, MTZ6.2C [E,A]
D551 552	9A02696600	DIODE, 1N4148
D554	9A02696600	DIODE, 1N4148
D601	9A02696900	ZENER DIODE,05AZ6.2Z [US]
D601	9A02964700	ZENER DIODE,MTZ6.2C [E,A]
D602 603	9A02696500	DIODE, 1N4002
D604 611	9A02696600	DIODE, 1N4148
D801Z	9A02724700	DIODE,ASSY BR82 D401 RS50
D802	⚠9A02697200	BRIDGE GI DIODE, W02M
D803 804	9A02697400	ZENER DIODE,MTZ15A [US,C]
	9A02964800	ZENER DIODE,MTZ15A [E,A]
D805 861	9A02696900	ZENER DIODE,05AZ6.2Z[US,C]
	9A02964700	ZENER DIODE,MTZ6.2C [E,A]
D862	⚠9A02696700	ZENER DIODE,05AZ22Y [US,C]
	9A02964900	ZENER DIODE,MTZ22B [E,A]
D951 952	9A02696600	DIODE, 1N4148
JC510	9A02702200	CONNECTOR, 7P 52011-0710
JC601	9A02701600	PLUG, 5P MINI STOPPER
JC607608	9A02701400	PLUG, 3P MINI STOPPER
JC802	9A02701400	PLUG, 3P MINI STOPPER
JC803	9A02701900	CONN. 2P 52011-0210 [US,C]
JC804	9A02702000	CONNECTOR, 3P 52011-0310
JC810	9A02701900	CONNECTOR, 2P 52011-0210
JC902	9A02701700	PLUG, 8P MINI 5045-08A
JC903	9A02701800	PLUG, 9P MINI STOPPER
J0A	9A02728000	WIRE, FLAT WP23013

MAIN PCB ASSY

REF.NO.	PARTS NO.	DESCRIPTION
J0A	9A03112000	FLAT, UL2877 #24 2CORE [A]
J0B	9A02728100	WIRE, FLAT WP23019 [US,C,E]
J0B	9A03112100	FLAT, UL2877 #24 2CORE [A]
JW301	9A02726600	HARNESS, HA332
JW807	9A02727000	HARNESS, HA432
N101	9A02725100	THREAD SOLDER, 1.6MM
N102	9A02725200	SEIKE HANDA F
N201	9A02725600	SOLVENT, IPA 4520
N202	9A02725300	POSTFLUX KOOKI JS-64T-3
N203	9A02966500	CORD CLAMP [E]
N306	9A02725500	DIABOND, 1603H
N307	9A02709700	COMPOUND SILICON, YG6260
P111	9A02700700	TERMINAL,PIN TYPE1.0*15 [US,C,E]
P111A	9A02700800	TERMINAL PIN-C [US,C]
P501	9A02701000	JACK,BOARD SPEAKER KPT304
P501A	9A02692000	SCREW, PBTB 3*10 SBN
P901-903	9A02701100	JACK, MIC HTJ035-08E1
PB01	9A02700900	JACK, BOARD RCA KJB-1102
PB01A	9A02692000	SCREW, PBTB 3*10 SBN
PB01B	9A02692800	WASHER, TOOTHED LOCK LW3
PB01C	9A02692000	SCREW, PBTB 3*10 SBN
Q501-504	9A02694900	TRANSISTOR, KTA970-BL
Q505-508	9A02694700	TRANSISTOR, KTC2240BL
Q509 510	9A02694000	TRANSISTOR, KTC1815-Y
Q511 512	9A02695000	TRANSISTOR, KTC2235-Y
Q513 514	9A02695100	TRANSISTOR, KTA965-Y
Q515 516	9A02695300	TRANSISTOR, 2SD718-0
Q515 516	9A02695500	TRANSISTOR, KTD718-0 [E,A]
Q515Z	9A02787600	HEAT SINK ASSY [US,C]
Q515Z	9A02787620	HEAT SINK ASSY [E,A]
Q517 518	9A02695200	TRANSISTOR, 2SB688-0
	9A02695400	TRANSISTOR, KTB688-0 [E,A]
Q550	9A02699200	IC, TA7317P
Q551	9A02694500	TRANSISTOR, KTA970GR
Q552 553	9A02694600	TRANSISTOR, KTC2240GR
Q554	9A02694400	TRANSISTOR, KTC1815-GR
Q556	9A02694100	TRANSISTOR, KTC1815-Y
Q603 604	9A02693700	TRANSISTOR, KTA562TM-Y
Q605 606	9A02694200	TRANSISTOR, KTC1959-Y
Q607	9A02695000	TRANSISTOR, KTC2235-Y
Q613-617	9A02694100	TRANSISTOR, KTC1815-Y
Q618	9A02696100	TRANSISTOR, BRT KRA2211
Q619	9A02694100	TRANSISTOR, KTC1815-Y
Q631	9A02698400	IC, DUAL OP AMP KIA75558P
Q651	9A02698600	IC, LC7818
Q801	9A02695600	TRANSISTOR, 2SD2058-Y
Q802	9A02696400	TRANSISTOR, BRT KRC1211
Q803	9A02693800	TRANSISTOR, KTA1015-Y
Q804	9A02695700	TRANSISTOR, 2SB1366-Y
Q805	9A02693800	TRANSISTOR, KTA1015-Y
Q806	9A02694100	TRANSISTOR, KTC1815-Y
Q807	9A02693600	TRANSISTOR, KTC2236-Y
Q808	9A02695600	TRANSISTOR, 2SD2058-Y
Q809,813	9A02696400	TRANSISTOR, BRT KRC1211
Q810	9A02696100	TRANSISTOR, BRT KRA2211

[US]:U.S.A. [C]:CANADA [E]:EUROPE [A]:AUSTRALIA

Parts marked with *require longer delivery time.

MAIN PCB ASSY

REF.NO.	PARTS NO.	DESCRIPTION
Q811,814	9A02694300	TRANSISTOR, KTA966A-Y
Q812,903	9A02693800	TRANSISTOR, KTA1015-Y
Q815	9A02694100	TRANSISTOR, KTC1815-Y
Q816	9A02695700	TRANSISTOR, 2SB1366-Y[US,C]
Q901 902	9A02694100	TRANSISTOR, KTC1815-Y
Q904 905	9A02694100	TRANSISTOR, KTC1815-Y
Q951	9A02699000	IC, LC6554H-4330(SANYO)
QB51	9A02698400	IC, DUAL OP AMP KIA75558P
R529 530	⚠9A02711900	R., OXIDE RS14B3A181J
R531-534	⚠9A02719100	R., CEMENT RW983F208J
R535 536	9A02711700	R., OXIDE RS14B3A100J
R572	9A02711800	R., OXIDE RS14B3A112J
RB21 22	9A02715200	R., CARBON RD2BSB271J
U111	9A02707800	PCB, MAIN PW-2050 [US,C]
	9A02967300	PCB, MAIN PW-2050 [E,A]
X901	9A02693200	CERA. RESONATOR,CST4.0 MGW

EQ PCB ASSY

REF.NO.	PARTS NO.	DESCRIPTION
	*9A02723400	EQ PCB ASSY [US,C]
	*9A02723420	EQ PCB ASSY [E]
	*9A02723440	EQ PCB ASSY [A]
	*9A02956700	EQ PCB ASSY (EG-600)
A003A	9A02692300	SCREW, BTB 3*10 SZN
D904	9A02696900	ZENER DIODE, 05AZ6.2Z
D904	9A02964700	ZENER DIODE, MTZ6.2C
D905-922	9A02696600	DIODE, 1N4148
D925	9A02696600	DIODE, 1N4148
D926-933	9A02693500	DIODE, KLA113 (AG-550)
D926-931	9A02693500	DIODE, KLA113 (EG-600)
D932	9A02729400	DIODE, LIGHT (EG-600)
D932	9A02957600	DIODE, KLG113E (EG-600)
D933A	9A02966800	LED BUSHING [E,A]
D940 941	9A02696600	DIODE, 1N4148
D942	9A02696600	DIODE, 1N4148 [E]
D951	9A02693400	FLD, FG710H1
D951A	9A02707000	CUSHION FLD
JOC	9A02727400	WIRE, FLAT WP32014 [US,C]
	9A02971600	HA191 [E]
	9A03111800	HA191 [A]
JP112	9A02698000	WIRE, HOLDER 89025-08
JP804	9A02697700	WIRE, HOLDER 89025-03
JP901	9A02697800	WIRE, HOLDER 89025-05
JW112	9A02728200	WIRE, FLAT WP23019
JW602	9A02726700	HARNESS, HA332
JW603	9A02727000	HARNESS, HA432
JW607	9A02726800	HARNESS, HA332
JW802	9A02726900	HARNESS, HA332
JW804	9A02728300	WIRE, FLAT WP23026
JW901	9A02728400	WIRE, FLAT WP23026
JW902	9A02727200	HARNESS, HA832
JW903	9A02727300	HARNESS, HA932
Q652 653	9A02698800	IC, KIA7796P
Q911 912	9A02694100	TRANSISTOR, KTC1815-Y
Q913	9A02695900	TRANSISTOR, BRT KRA2204
Q914	9A02694100	TRANSISTOR, KTC1815-Y
Q915 916	9A02693800	TRANSISTOR, KTA1015-Y
Q917 918	9A02695900	TRANSISTOR, BRT KRA2204
Q953	9A02699100	IC, TC9303AN-022(TSB)
R632-636	9A02710300	VR, RS3011216-100KBX2 [US,C]
R632-636	9A02969000	VR, SLIDE RS3011206-100KW [E,A]
RX01	9A02699700	RX-MODULE, SBX1610-52
S901-918	9A02700200	TACT SWITCH
S919,920	9A02700000	SWITCH, KPT2201D TECT
U113	9A02707900	PCB, MICRO BOARD PW-2051 [US,C]
	9A02967400	PCB, MICRO BOARD PW-2051 [E,A]
X902	9A02700500	CRYSTAL, 7.2MHZ

[US]:U.S.A. [C]:CANADA [E]:EUROPE [A]:AUSTRALIA

Parts marked with *require longer delivery time.

SPK. PCB ASSY

REF.NO.	PARTS NO.	DESCRIPTION
	*9A02723300	SPK. PCB ASSY [US,C]
	*9A02723320	SPK. PCB ASSY [E]
	*9A02723340	SPK. PCB ASSY [A]
C851	⚠9A02710400	C., DE7150-601FZ103PUA1 [US,C]
CH01 02	9A02718000	C., CC45SL1H221J [E]
D851	9A02696600	DIODE, 1N4148 [US,C]
F811	9A02699900	FUSE, 4.0A 125V 5.0*20 [US,C]
	9A02957500	FUSE, 2A 250V 5.0X20 SEM. [E,A]
F811A	9A02724900	HOLDER, FUSE
JP510	9A02697900	WIRE HOLDER, 89025-07
JP803	9A02697600	WIRE HOLDER, 89025-02 [US,C]
JW510	9A02728600	WIRE, FLAT WP23034
JW803	9A02728500	WIRE, FLAT WP23029 [US,C]
P551	9A02701200	JACK,PHON.HLJ2315-01-3190
P800	9A02700700	TERMINAL, PIN TYPE(1.0*15
R851	⚠9A02722600	R., CARBON RD104SB335J [US,C]
RH01 02	9A02712000	R., OXIDE RS14B3A331J
RL01	9A02700300	RELAY, VS-12M TV-5 [US,C]
S511	⚠9A02700100	SWITCH, PUSH SPUL21*2T
S511A	9A02692300	SCREW, BTB 3*10 SZN
S511B	9A02692600	SCREW, BTBW 3*8 SZN [E,A]

V/R PCB ASSY

REF.NO.	PARTS NO.	DESCRIPTION
	*9A02723000	V/R PCB ASSY [US,C,A]
	*9A02723020	V/R PCB ASSY [E]
C644 645	9A02721100	C. CE04W1H479
C651 652	9A02721200	C. CQ92M1H102J
C653-656	9A02721800	C. CQ92M1H473J
D651 652	9A02696600	DIODE, 1N4148
JC602604	9A02701400	PLUG, 3P MINI STOPPER
JC603	9A02701500	PLUG, 4P MINI STOPPER
JC606	9A02701300	PLUG, 2P MINI STOPPER
JW01	9A02727900	WIRE, FLAT WP23008
JW601	9A02727100	HARNESS, HA532
N401	9A02725100	THREAD SOLDER, 1.6MM [E]
Q608 609	9A02694100	TRANSISTOR, KTC1815-Y
Q651	9A02698900	IC, GD4066BP
Q652 653	9A02694100	TRANSISTOR, KTC1815-Y
R665	9A02710200	VR, RK16312MA-100KBX2

P/SW PCB ASSY

REF.NO.	PARTS NO.	DESCRIPTION
A 204	*9A02723200	P/SW PCB ASSY
A 204A	9A02692300	SCREW, BTB 3*10 SZN
JP810	9A02697600	WIRE HOLDER, 89025-02
JW810	9A02728700	WIRE, FLAT WP23039
S 801	9A02700200	TACT SWITCH

BALANCE PCB ASSY

REF.NO.	PARTS NO.	DESCRIPTION
	*9A02723100	BALANCE PCB ASSY [US,C,A]
	*9A02723120	BALANCE PCB ASSY [E]
J0A	9A02726100	HARNESS, HA191
JW604	9A02726400	HARNESS, HA332
JW608	9A02726500	HARNESS, HA332
R 666	9A02710100	VR, RK1631170-100KBX1

LED PCB ASSY

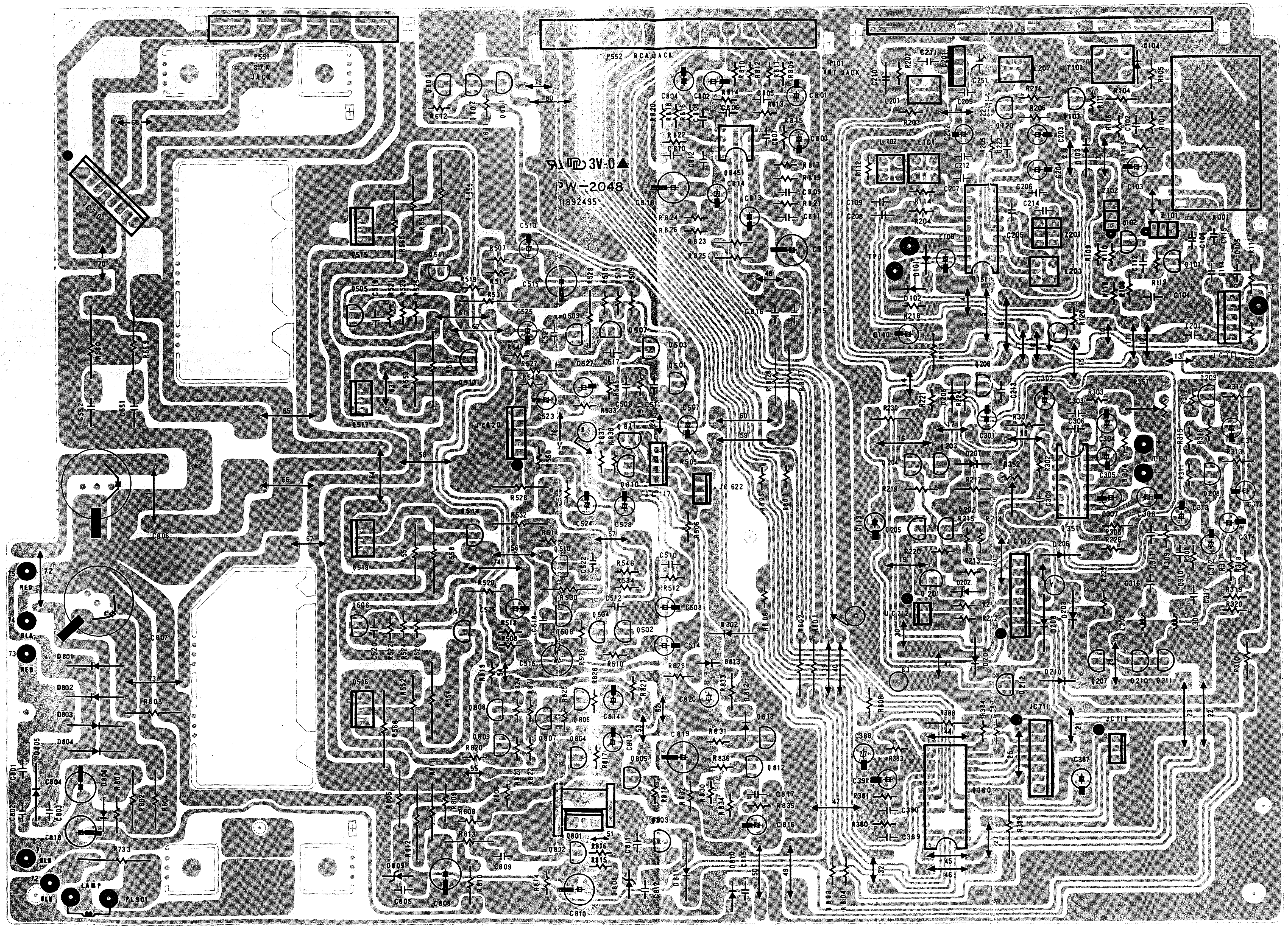
REF.NO.	PARTS NO.	DESCRIPTION
A 206	*9A02723500	LED PCB ASSY
D 606	9A02693300	DIODE, KLR113
J 606	9A02726300	HARNESS, HA231

[US]:U.S.A. [C]:CANADA [E]:EUROPE [A]:AUSTRALIA

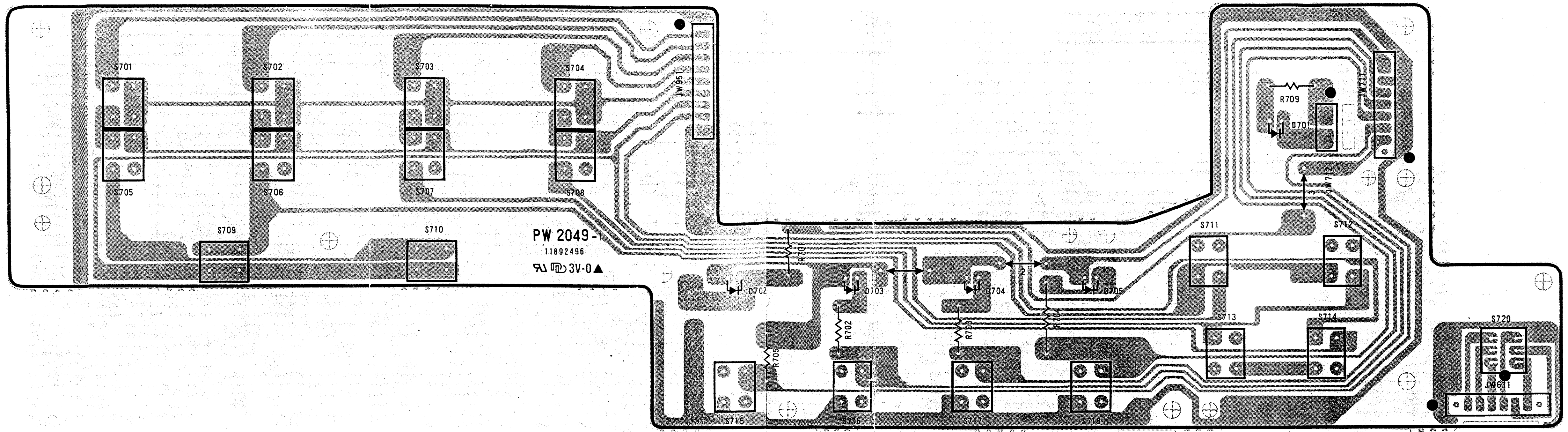
Parts marked with *require longer delivery time.

PC BOARDS AND PARTS LIST AG-400

MAIN PCB ASSY


P551 SPK JACK
P552 RCA JACK
P101 ANT JACK
3V-0
PW-2048
11892495
IC710
IC620
IC117
IC622
IC711
IC712
IC118
RED
BLK
BLU
LAMP
PL901

SWITCH PCB ASSY (1)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PW 2049-1
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R701
D702
D703
D704
D705
R702
R703
R704
R705
S711
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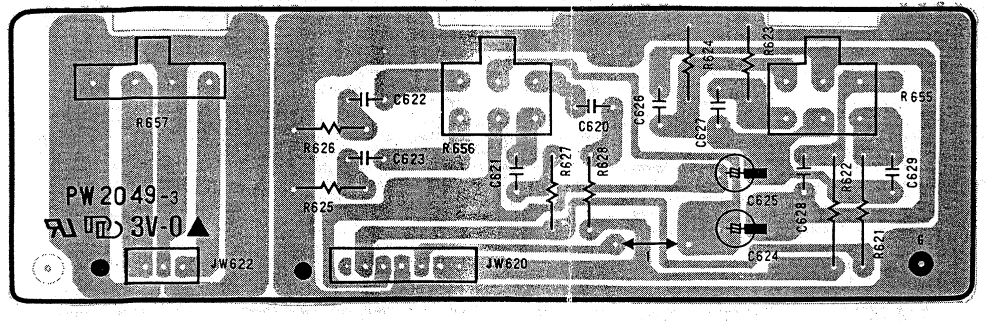
S720
JW611

TONE PCB ASSY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R626
R625
C622
C623
R656
C620
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R628
C626
C627
R624
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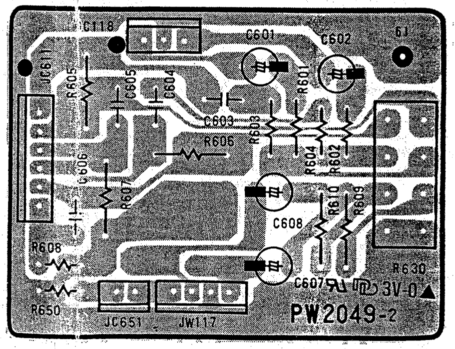
C628
R622
C629
C624
R621
JW620

SWITCH PCB ASSY (2)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C602
C611
R605
C605
C604
C603
R606
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R604
R602
C606
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R609
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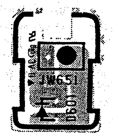
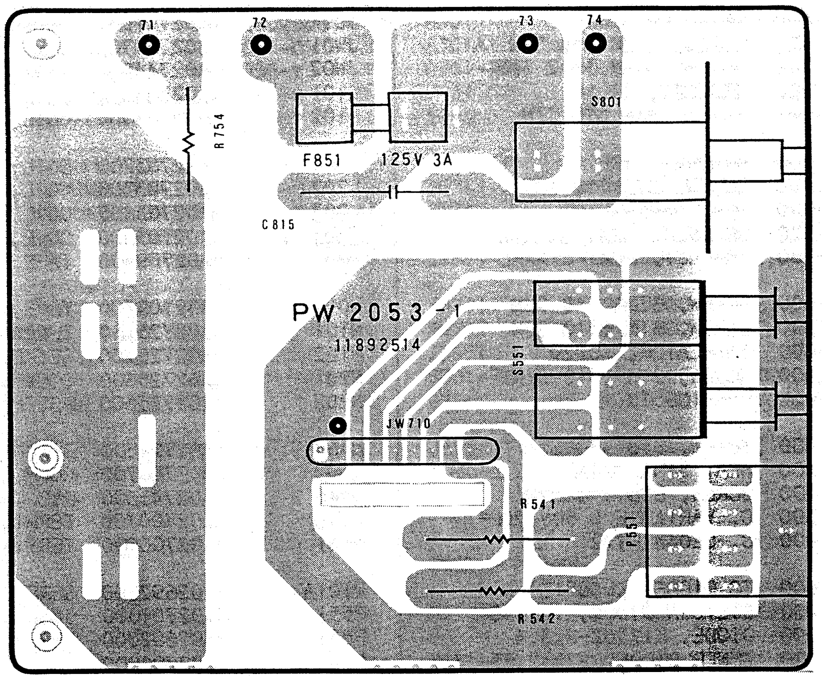
R650
C607
3V-0▲
JC651
JW117
PW2049-2

LED PCB ASSY



POWER S/W PCB ASSY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72
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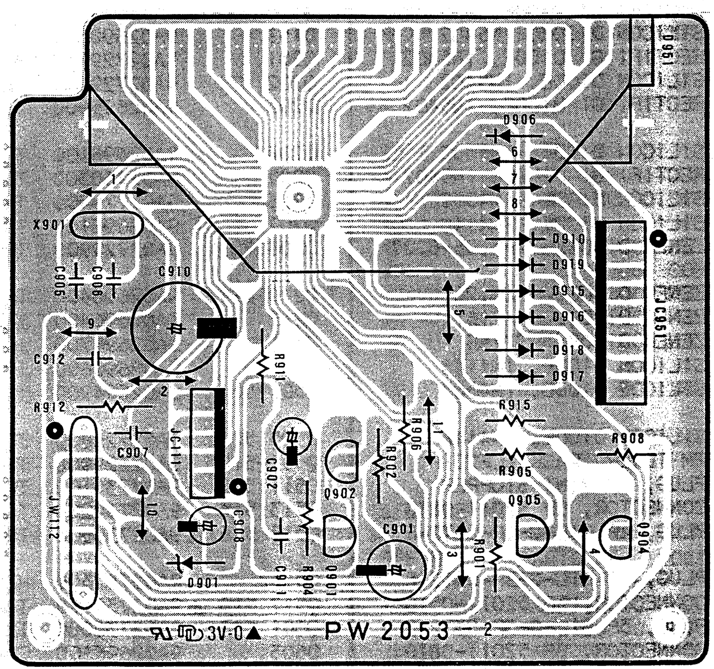
P551

LCD PCB ASSY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C905
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D915
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D917
C951
5
9
C912
R911
2
R912
JC111
C907
R915
R908
R906
11
R902
R905
C902
Q902
Q905
JW112
10
C908
C901
C911
R904
Q901
R901
3
4
Q904
D901
3V-0▲
PW 2053-2

MAIN PCB ASSY

REF.NO.	PARTS NO.	DESCRIPTION
A001	*9A02741400	MAIN PCB ASSY
B102	9A02692600	SCREW, BTBW 3*8 SZN
B103	9A02692700	SCREW, BTBW 3*12 SZN
B505	9A02706200	BRACKET, TR
B505A	9A02692100	SCREW, BTB 3*6 SZN
B506	9A02706200	BRACKET, TR
B506A	9A02692100	SCREW, BTB 3*6 SZN
B515	9A02734600	HEAT SINK-A
B515A	9A02734200	BRACKET, HEAT SINK-R
B515B	9A02734300	BRACKET, HEAT SINK-L
B515C	9A02692600	SCREW, BTBW 3*8 SZN
B515D	9A02692300	SCREW, BTB 3*10 SZN
B515E	9A02725000	INSULATOR, AC229
B515F	9A02692300	SCREW, BTB 3*10 SZN
B515G	9A02733900	BUSHING TR
B515H	9A02692200	SCREW, BTB 3*8 SZN
B801	9A02734400	HEAT SINK (PIN)
B801A	9A02692200	SCREW, BTB 3*8 SZN
C251	9A02710500	C. VARIABLE S 50V 20PF
C806 807	⚠9A02720900	C. CE04W1H472
D101 102	9A02696800	TC DIODE, KDS8513A-0
D103 104	9A02696600	SILICON DIODE, 1N4148
D201	9A02697000	DIODE, K1236Z-2.3.4
D202	9A02731400	ZENER DIODE, VZ=12.55-13.
D203 204	9A02696600	SILICON DIODE, 1N4148
D205 206	9A02696600	SILICON DIODE, 1N4148
D207 208	9A02696600	SILICON DIODE, 1N4148
D209 210	9A02696600	SILICON DIODE, 1N4148
D302	9A02696600	SILICON DIODE, 1N4148
D801	⚠9A02730800	SILICON DIODE, 1N5402
D801	⚠9A02730900	RECTIFI GI DIODE, 1N5402
D802	⚠9A02730800	SILICON DIODE, 1N5402
D802	⚠9A02730900	RECTIFI GI DIODE, 1N5402
D803	⚠9A02730800	SILICON DIODE, 1N5402
D803	⚠9A02730900	RECTIFI GI DIODE, 1N5402
D804	⚠9A02730800	SILICON DIODE, 1N5402
D804	⚠9A02730900	RECTIFI GI DIODE, 1N5402
D805	⚠9A02696500	SILICON DIODE, 1N4002
D806	9A02696600	SILICON DIODE, 1N4148
D808	9A02731300	ZENER DIODE, VZ=5.96-6.27
D808	9A02731000	ZENER DIODE, MTZ6.2B
D809	9A02730600	ZENER DIODE, 05AZ16Y
D809	9A02731200	ZENER DIODE, MTZ16B
D810	9A02696600	SILICON DIODE, 1N4148
D811	9A02696500	SILICON DIODE, 1N4002
D812 813	9A02696600	SILICON DIODE, 1N4148
H001	9A02699400	FM TUNER, PACK KCF201H
JC111	9A02701600	PLUG, 5P MINI STOPPER
JC112	9A02702300	CONNECTOR, 8P 52011-0810
JC117	9A02732500	PLUG, 4P GIL-G-4P-S3T2-E
JC118	9A02732400	PLUG, 3P GIL-G-3P-S3T2-E
JC620	9A02702100	CONNECTOR, 5P 52011-0510
JC622	9A02732400	PLUG, 3P GIL-G-3P-S3T2-E
JC710	9A02702300	CONNECTOR, 8P 52011-0810
JC711	9A02702200	CONNECTOR, 7P 52011-0710

Parts marked with *require longer delivery time.

MAIN PCB ASSY

REF.NO.	PARTS NO.	DESCRIPTION
JC712	9A02701900	CONNECTOR, 2P 52011-0210
JW01	9A02744700	WIRE, FLAT WP22012
JW02	9A02744800	WIRE, FLAT WP22014
L101	9A02703500	COIL, FM DET KRFE511
L102	9A02703600	COIL, FM DET KRFE512
L201	9A02703200	COIL, AM OSC KRFE508
L202	9A02703300	COIL, AM RF KRFE509
L203	9A02703400	COIL, AM DET KRFE510
L301 302	9A02703000	COIL, PEAKING 5MH
N001	9A02709500	TAPE, YW-5006 6.2MM*5000M
N002	9A02709600	TAPE, TESAKREPP-4387 6.0M
N101	9A02725100	THREAD SOLDER, 1.6MM
N102	9A02725200	SEIKE HANDA F
N201	9A02725600	SOLVENT, IPA 4520
N202	9A02725300	POSTFLUX KOOKI JS-64T-3
N306	9A02725500	DIABOND, 1603H
N307	9A02709700	COMPOUND SILICON, YG6260
N768	9A02743600	PVC TUBE, 600V 105D AWG18
P100	9A02700700	TERMINAL, PIN TYPE(1.0*15
P101	9A02700600	TERMINAL BOARD, KSPT-1501
P101A	9A02692000	SCREW, PBTB 3*10 SBN
P551	9A02701000	JACK,BOARD SPEAKER KPT304
P551A	9A02692000	SCREW, PBTB 3*10 SBN
P552	9A02700900	JACK, BOARD RCA KJB-1102
P552A	9A02692000	SCREW, PBTB 3*10 SBN
P552B	9A02692800	WASHER, TOOTHED LOCK LW3
P552C	9A02692000	SCREW, PBTB 3*10 SBN
PL90	⚠9A02729500	MINIATURE LAMP, 12V 185MA
Q101 102	9A02693900	TRANSISTOR, KTC380TM-Y
Q103	9A02729900	TRANSISTOR, KTC1815-0
Q120	9A02694800	TRANSISTOR, FET KTK161GR
Q151	9A02698500	IC, FM AM IF DET AN7273
Q201	9A02729700	TRANSISTOR, KTA1015-0
Q202	9A02729900	TRANSISTOR, KTC1815-0
Q203	9A02695900	TRANSISTOR, BRT KRA2204
Q204	9A02696100	TRANSISTOR, BRT KRA2211
Q205	9A02730300	TRANSISTOR, BRT KRC1202
Q206	9A02729900	TRANSISTOR, KTC1815-0
Q207	9A02696100	TRANSISTOR, BRT KRA2211
Q208 209	9A02729900	TRANSISTOR, KTC1815-0
Q210 211	9A02696400	TRANSISTOR, BRT KRC1211
Q212	9A02696400	TRANSISTOR, BRT KRC1211
Q351	9A02698700	IC, MPX KA2261
Q360	9A02698600	IC, LC7818
Q501-504	9A02694900	TRANSISTOR, KTA970-BL
Q505 506	9A02729800	TRANSISTOR, KTC1815-0
Q507-510	9A02729900	TRANSISTOR, KTC1815-0
Q511 512	9A02730100	TRANSISTOR, KTC2235-Y
Q513 514	9A02730200	TRANSISTOR, KTA965-Y
Q515 516	⚠9A02730500	TRANSISTOR, BD910
Q515Z	9A02742300	HEAT SINK, ASSY 2SB1367
Q517 518	⚠9A02730400	TRANSISTOR, BD909
Q601 602	9A02730000	TRANSISTOR, KTC2878-B
Q603	9A02696100	TRANSISTOR, BRT KRA2211
Q801	9A02729600	TRANSISTOR, KTD880-Y

As regards the resistors and capacitors, refer to the circuit diagrams and the PCB ass'y drawings contained in this manual.

MAIN PCB ASSY

REF.NO.	PARTS NO.	DESCRIPTION
Q801Z	9A02742400	HEAT SINK, ASSY 2SD2058
Q802	9A02729900	TRANSISTOR, KTC1815-O
Q803	9A02693600	TRANSISTOR, KTC2236-Y
Q804	9A02729900	TRANSISTOR, KTC1815-O
Q805	9A02693600	TRANSISTOR, KTC2236-Y
Q806	9A02729900	TRANSISTOR, KTC1815-O
Q807-809	9A02729700	TRANSISTOR, KTA1015-O
Q810-813	9A02729900	TRANSISTOR, KTC1815-O
QB451	9A02698300	IC, TA75558P
R351	9A02710000	RV08FB103NCO
R352	9A02709900	RV08FB102NCO
R555-558	⚠9A02739900	R. CEMENT RW983D278K
R812	⚠9A02737200	R. OXIDE RS14B3D390J
T101	9A02703100	TRANS, BALUN FM
U111	9A02734800	PCB, MAIN PW-2048
Z101 102	9A02693000	FILTER, SFE10.7MS-2A
Z201	9A02693100	RESONATOR, SFZ450F

SWITCH PCB ASSY(1)

REF.NO.	PARTS NO.	DESCRIPTION
A301	*9A02741700	SWITCH PCB ASSY (1)
A301A	9A02729200	SCREW, PBTB 3*10 SZN
D701-705	9A02693500	DIODE, KLA113
JP01 02	9A02702800	PLATING WIRE, 0.6MM
JP03	9A02702800	PLATING WIRE, 0.6MM
JP611	9A02731500	WIRE, HOLDER 89025-06
JP711	9A02697900	WIRE HOLDER, 89025-07
JP712	9A02697600	WIRE HOLDER, 89025-02
JP951	9A02731600	WIRE, HOLDER 89025-09
JW611	9A02745600	WIRE, FLAT WP23018
JW711	9A02745500	WIRE, FLAT WP23017
JW712	9A02745700	WIRE, FLAT WP23023
JW951	9A02745300	WIRE, FLAT WP23014
S701-718	9A02732000	SWITCH, TACT KHH10-906
S720	9A02700000	SWITCH, KPT2201D TECT
U113	9A02734900	PCB, SUB PW-2049

TONE PCB ASSY

REF.NO.	PARTS NO.	DESCRIPTION
A303	*9A02741900	TONE PCB ASSY
A303A	9A02733800	BRACKET, TONE VR
A303B	9A02692300	SCREW, BTB 3*10 SZN
JP01	9A02702800	PLATING WIRE, 0.6MM
JP620	9A02697800	WIRE, HOLDER 89025-05
JW04	9A02744000	HARNESS, HA191
JW620	9A02745800	WIRE, FLAT WP23029
JW622	9A02744200	HARNESS, HA332
R655 656	9A02735700	VR, RK1631250-100KCX2
R657	9A02710100	VR, RK1631170-100KBX1

SWITCH PCB ASSY(2)

REF.NO.	PARTS NO.	DESCRIPTION
A302	*9A02741800	SWITCH PCB ASSY
JC611	9A02732200	CONNECTOR, 6P 52011-0610
JC651	9A02701300	PLUG, 2P MINI STOPPER
JW117	9A02744300	HARNESS, UL2405 AWG26 7/0
JW118	9A02744100	HARNESS, UL2405 AWG26 7/0
R630	9A02735600	VR, RK16312J0-100K

LED PCB ASSY

REF.NO.	PARTS NO.	DESCRIPTION
A304	*9A02742200	LED PCB ASSY
D601	9A02729400	DIODE, LIGHT EMITTING KLR
JW651	9A02726300	HARNESS, HA231

Parts marked with *require longer delivery time.

POWER S/W PCB ASSY

REF.NO.	PARTS NO.	DESCRIPTION
A 201	*9A02742000	POWER S/W PCB ASSY
A 201A	9A02692600	SCREW, BTBW 3*8 SZN
C 815	9A02735900	C. AC250V 0.1MF K(ACROSS)
F 851	9A02731800	FUSE, 3A 125V U 5*20MM SB
F 851A	9A02724900	HOLDER, FUSE
JP710	9A02698000	WIRE, HOLDER 89025-08
JW710	9A02745900	WIRE, FLAT WP23032
JW801	9A02745000	WIRE, FLAT WP30038
JW802	9A02745100	WIRE, FLAT WP30038
JW803	9A02745200	WIRE, FLAT WP30041
P551	9A02701200	PHONE JACK, HLJ2315-01-31
P551A	9A02729100	SCREW, PBW 3*10 SZN
P552	9A02700700	TERMINAL, PIN TYPE(1.0*15
S551	9A02732100	SWITCH, PUSH SPUL21
S801	⚠9A02731900	SWITCH, PUSH SDL-1P
S801	9A02692300	SCREW, BTB 3*10 SZN
U112	9A02735000	PCB, POWER LCD PW-2053

LCD PCB ASSY

REF.NO.	PARTS NO.	DESCRIPTION
A202	*9A02741600	LCD PCB ASSY
B006	9A02734100	LCD CASE
B006A	9A02734700	LCD FILTER
B006B	9A02734000	HOUSING LAMP
B006C	9A02734500	LCD CASE BRACKET
B006D	9A02692300	SCREW, BTB 3*10 SZN
B006E	9A02729100	SCREW, PBW 3*10 SZN
B006F	9A02743700	SPACER, 80*12*0.5T BLK
D901	9A02730700	ZENER DIODE, 05AZ12Z
D901	9A02731100	ZENER DIODE, MTZ12C
D906,910	9A02696600	SILICON DIODE, 1N4148
D915 916	9A02696600	SILICON DIODE, 1N4148
D918 919	9A02696600	SILICON DIODE, 1N4148
DL90	9A02729300	LCD, DISPLAY
JC951	9A02732300	CONNECTOR, 9P 52011-0910
JP01 02	9A02702800	PLATING WIRE, 0.6MM
JP112	9A02698000	WIRE, HOLDER 89025-08
JW03	9A02744600	WIRE, FLAT WP22006
JW111	9A02744400	HARNESS, HA532
JW112	9A02745400	WIRE, FLAT WP23016
N008	9A02743800	TAPE, CELLO W12 NAT
Q901 902	9A02729900	TRANSISTOR, KTC1815-O
Q904	9A02730300	TRANSISTOR, BRT KRC1202
Q905	9A02696400	TRANSISTOR, BRT KRC1211
Q951	9A02731700	IC, TC9304F-017
X901	9A02700500	CRYSTAL, 7.2MHZ

Parts marked with *require longer delivery time.

DETAILS BEFORE AND AFTER CHANGES				
NO	ITEM	OLD	NEW	TSB TYPE NAME
1	TR	KTA1015Y	KTA1266Y	2SA1015Y
2	TR	KTC1923Y	KTC3194Y	2SC1923Y
3	TR	KTC1959Y	KTC3202Y	2SC1959Y
4	TR	KTC2240GR	KTC3200GR	2SC2240GR
5	TR	KTC2240BL	KTC3200BL	2SC2240BL
6	TR	KTA970BL	KTA1268BL	2SA970BL
7	TR	KTA970GR	KTA1268GR	2SA970GR
8	TR	KTC2878B	KTD1302	2SC2878B
9	TR	2SD2058Y	KTD2058Y	2SD1406Y
10	TR	KTC1815GR	KTC3198GR	2SC1815GR
11	TR	KTC1815Y	KTC3198Y	2SC1815Y
12	TR	KTC1815O	KTC3189O	2SC1815O
13	IC	KIA75558P	KIA4558P	TA75558P
14	IC	KIA7796P	KIA6900P	TA7796P
The electrical characteristic is the same each other.				

AG-550/EG-600/AG-400

TEAC®

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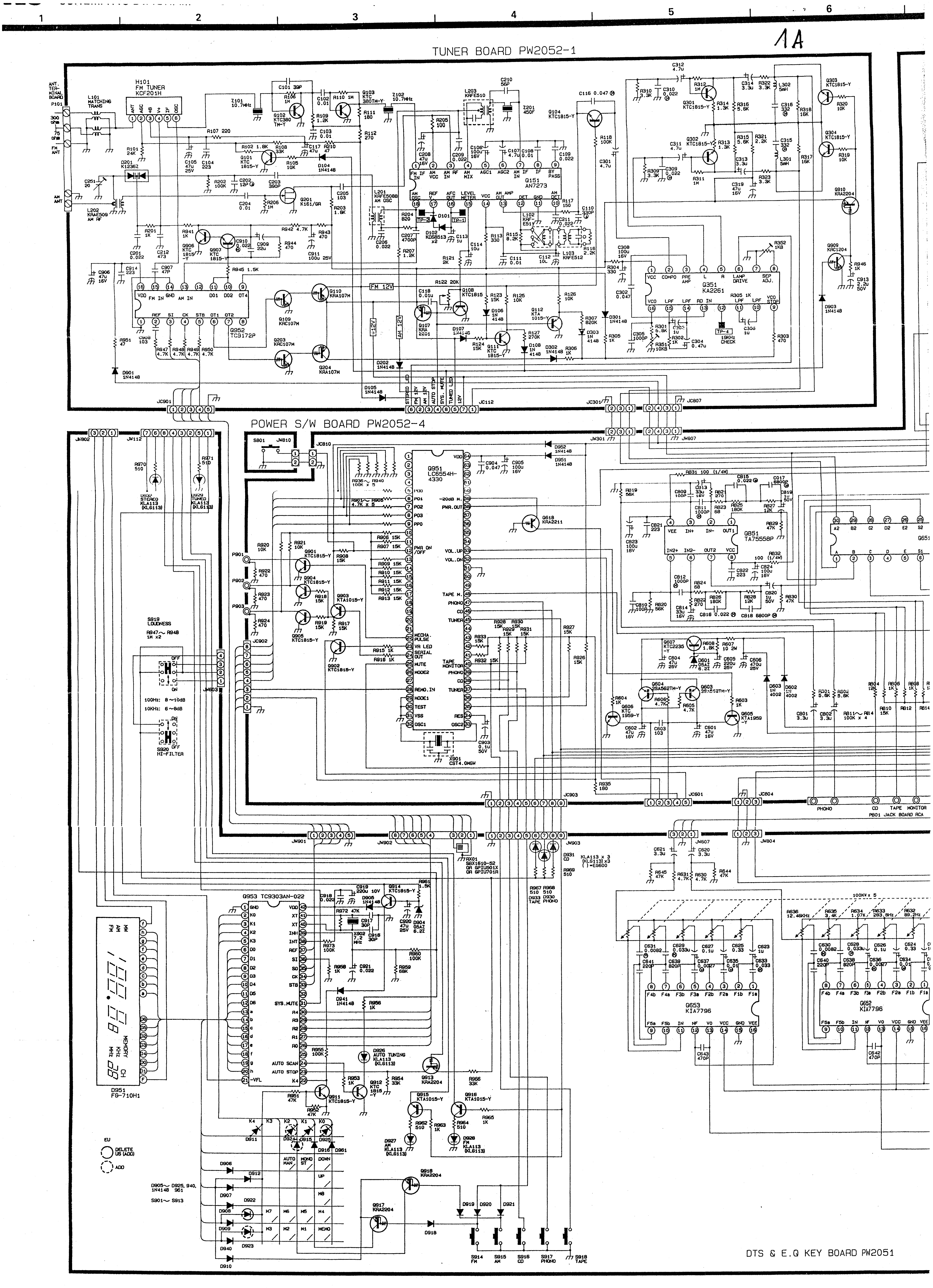
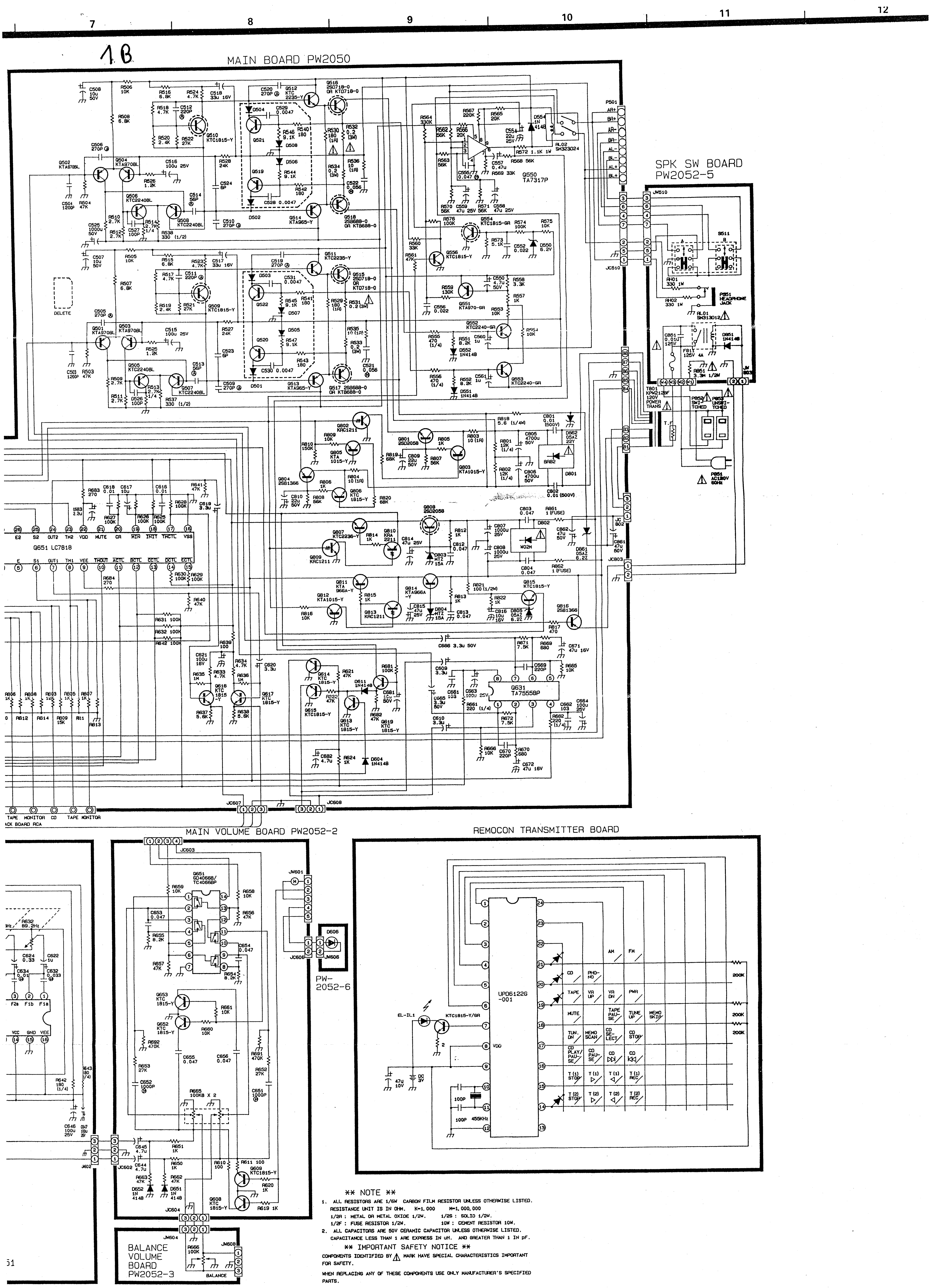
PRINTED IN JAPAN 0791 SYU 0.3 M-0506B

1A


1
2
3
4
5
6
TUNER BOARD PW2052-1
H101 FM TUNER KCF201H
ANT. TERMINAL BOARD P101
300 ohm
75 ohm
FM ANT
AM ANT
L101 MATCHING TRANS
L202 KRAE509 AM RF
Q151 AN7273
Q351 KA2261
Q952 TC9172P
FM 12V
AM 12V
+12V
TP-1
TP-2
TP-4
19KHz CHECK
JC901
JC112
JC301
JC807
POWER S/W BOARD PW2052-4
S801
JW810
JC810
Q951 LC6554H-4330
X901 CST4.0MGW
S919 LOUDNESS
S920 HI-FILTER
100Hz: 8~10dB
10KHz: 6~8dB
Q851 TA75558P
JC902
JC903
JC601
JC804
PHONO
CD
TAPE
MONITOR
P801 JACK BOARD RCA
JW901
JW902
JW903
JW607
JW804
RX01 SBX1610-52 OR GPIU501X OR GPIU701R
Q953 TC9303AN-022
D951 FG-710H1
Q653 KIA7796
Q652 KIA7796
100K x 5
S914 FM
S915 AM
S916 CD
S917 PHONO
S918 TAPE
D905~D925, 940, 1N4148 961
S901~S913
DELETE US (ADD)
ADD
DTS & E.Q KEY BOARD PW2051

1B


7
8
9
10
11
12
MAIN BOARD PW2050
SPK SW BOARD PW2052-5
Q550 TA7317P
Q651 LC7818
Q631 TA7555BP
MAIN VOLUME BOARD PW2052-2
Q651 GD4066B/TC4066BP
PW-2052-6
REMOCON TRANSMITTER BOARD
UPD6122G -001
BALANCE VOLUME BOARD PW2052-3
BALANCE
P501
JW510
JC510
JC607
JC608
JC603
JC604
JC606
JC602
JW601
JW606
JW604
JW609
PS51 HEADPHONE JACK
T801 KPW212BF 120V POWER TRANS
PS51 AC120V 60Hz
TAPE MONITOR CD TAPE MONITOR
BACK BOARD RCA
AM
FM
CD
PHO-NO
TAPE
VR UP
VR DN
PWR
MUTE
TAPE PAU-SE
TUNE UP
MEMO SKIP
TUN. DN
MEMO SCAN
CD SE-LECT
CD STOP
CD PLAY/ PAU-SE
CD PAU-SE
T (1) STOP
T (1) REC
T (2) STOP
T (2) REC
EL-IL1
KTC1815-Y/GR
DC 3V
455KHz
DELETE

** NOTE **

1. ALL RESISTORS ARE 1/6W CARBON FILM RESISTOR UNLESS OTHERWISE LISTED.
RESISTANCE UNIT IS IN OHM. K=1,000 M=1,000,000
1/2R : METAL OR METAL OXIDE 1/2W. 1/2S : SOLID 1/2W.
1/2F : FUSE RESISTOR 1/2W. 10W : CEMENT RESISTOR 10W.
2. ALL CAPACITORS ARE 50V CERAMIC CAPACITOR UNLESS OTHERWISE LISTED.
CAPACITANCE LESS THAN 1 ARE EXPRESS IN uH. AND GREATER THAN 1 IN pF.

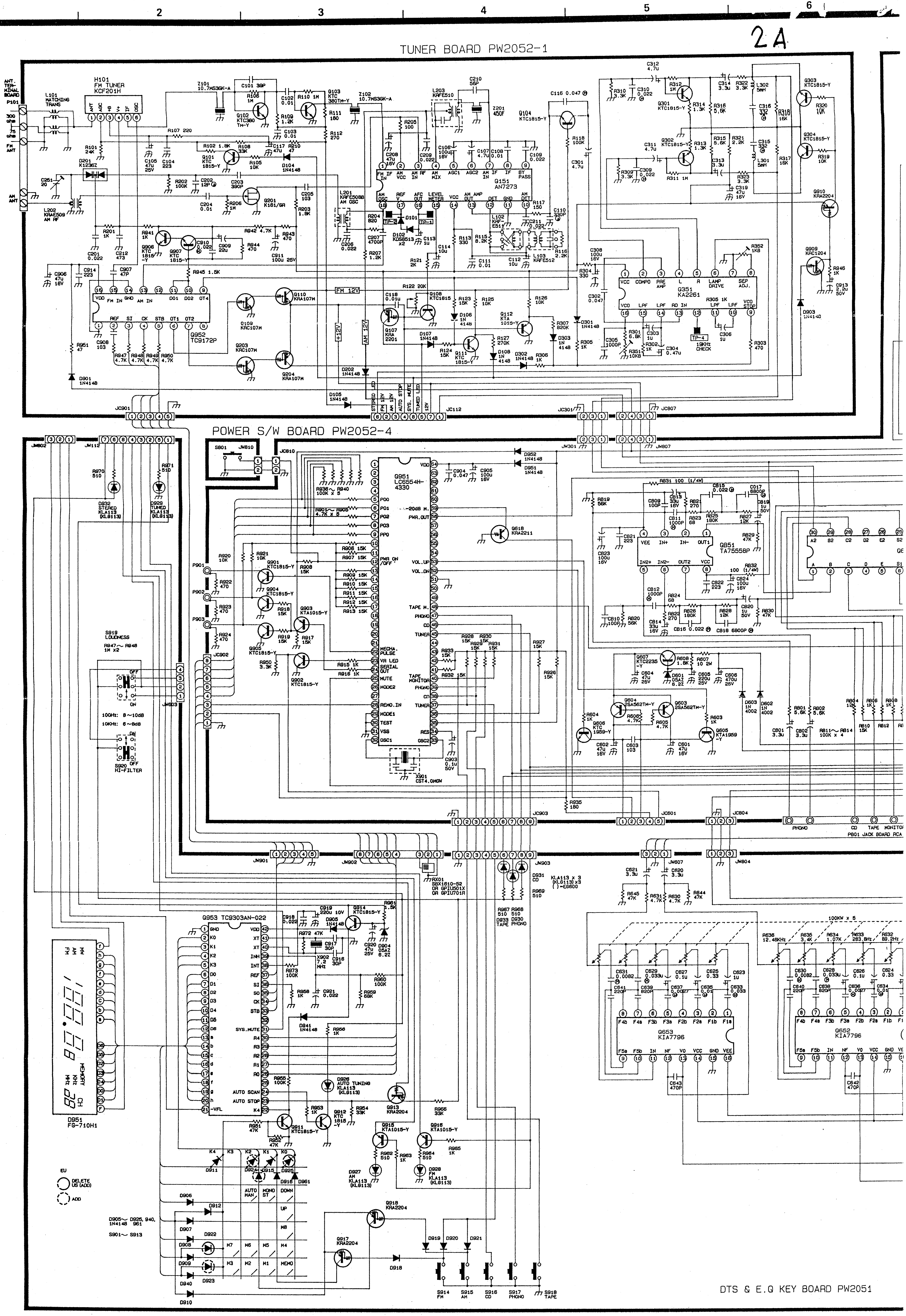
** IMPORTANT SAFETY NOTICE **

COMPONENTS IDENTIFIED BY ⚠ MARK HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY.

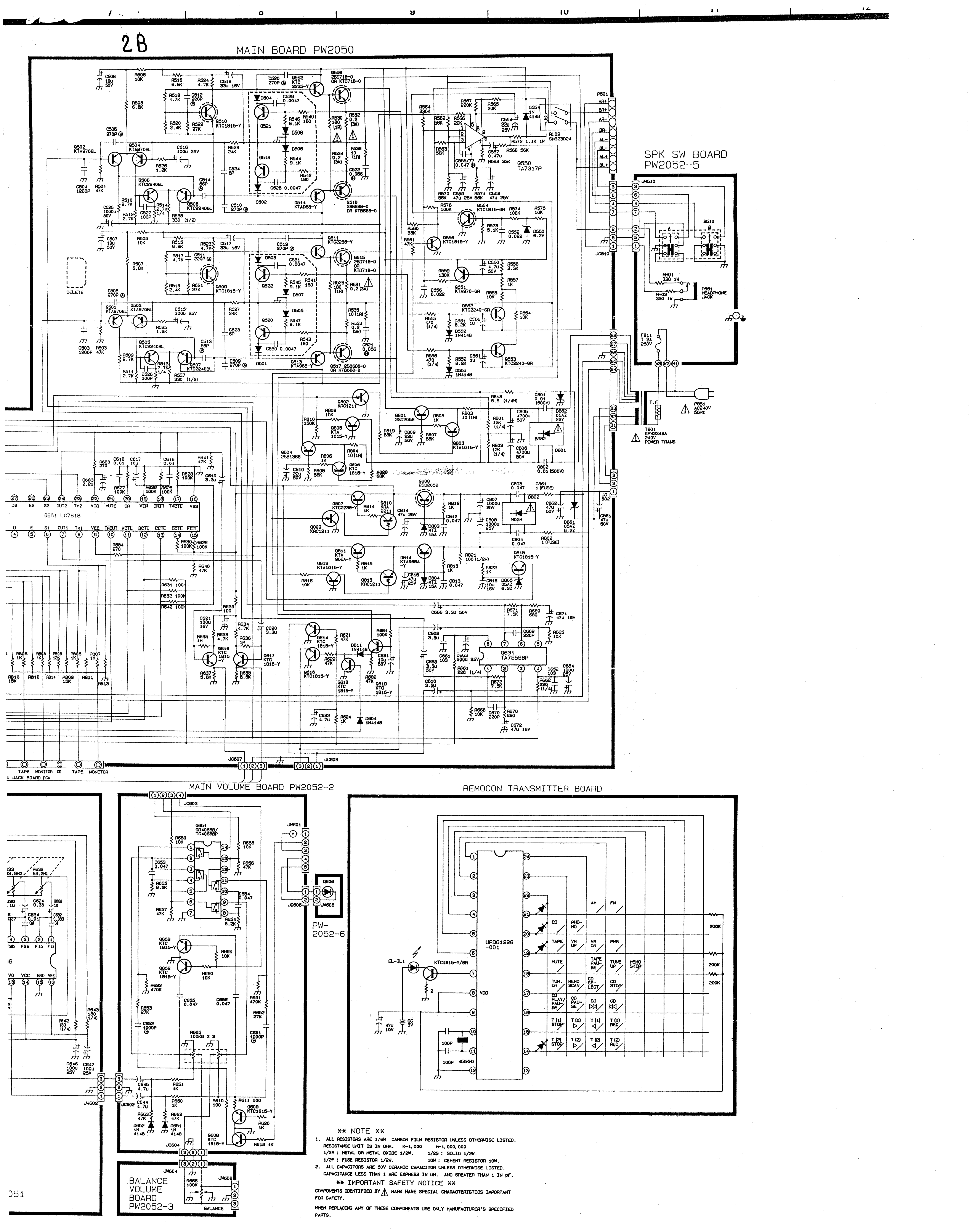
WHEN REPLACING ANY OF THESE COMPONENTS USE ONLY MANUFACTURER'S SPECIFIED PARTS.

AC 550/FG-600

2A


1
2
3
4
5
6
TUNER BOARD PW2052-1
ANT. TERMINAL BOARD P101
H101 FM TUNER KCF201H
L101 MATCHING TRANS
300 ohm
75 ohm
FM ANT
AM ANT
L202 KRAE509 AM RF
D201 K1236Z
Z101 10.7MS3GK-A
Z102 10.7MS3GK-A
Q102 KTC380 TH-Y
Q103 KTC 380TH-Y
Q101 KTC 1815-Y
Q201 K161/GR
L201 KRFE5088 AM OSC
L203 KRFE510
Z201 450F
Q151 AN7273
FM IF IN
AM VCC
AM RF IN
AM MIX
AGC1
AGC2
AM IF IN
FM IF
BY PASS
AM OSC
REF V
AFC OUT
LEVEL METER
VCC
AM AMP OUT
AM IN
DET
GND
AM DET
TP-2
TP-1
D101
D102 KDS8513 x2
L102 KRF-E511
L103 KRFE512
Q104 KTC1815-Y
Q906 KTC 1815-Y
Q907 KTC 1815-Y
Q952 TC9172P
VDD
FM IN
GND
AM IN
DO1
DO2
DO4
REF
SI
CK
STB
OT1
OT2
Q109 KRC107M
Q110 KRA107M
Q203 KRC107M
Q204 KRA107M
FM 12V
+12V
AM 12V
Q107 KRA 2201
Q108 KTC1815
Q111 KTC 1815-Y
Q112 KTA 1015-Y
D901 1N4148
D202 1N4148
D105 1N4148
STEREO LED
FM 12V
AM 12V
AUTO STOP
SYS. MUTE
TUNED LED
12V
JC901
JC112
JC301
JC807
Q301 KTC1815-Y
Q302 KTC1815-Y
Q303 KTC1815-Y
Q304 KTC1815-Y
Q910 KRA2204
Q909 KRC1204
Q351 KA2261
VCC
COMPO
PRE AMP
L
R
LAMP DRIVE
SEP ADJ.
VCO
LPF
LPF
RO IN
LPF
LPF
VCO STOP
TP-4 19KHz CHECK
D903 1N4148
POWER S/W BOARD PW2052-4
S801
JM810
JC810
JM802
JM112
D932 STEREO KLA113 (KL6113)
D929 TUNED KLA113 (KL6113)
Q951 LC6554H-4330
PO0
PO1
PO2
PO3
PPO
PWR.ON /OFF
VOL.UP
VOL.DN
TAPE M.
PHONO
CD
TUNER
MECHA. PULSE
VR LED
SERIAL OUT
MUTE
MODE2
REMO.IN
MODE1
TEST
VSS
OSC1
RES
OSC2
-20dB M.
PWR.OUT
TAPE MONITOR
X901 CST4.0MGW
Q918 KRA2211
Q901 KTC1815-Y
Q904 KTC1815-Y
Q903 KTA1015-Y
Q905 KTC1815-Y
Q902 KTC1815-Y
P901
P902
P903
S919 LOUDNESS
R947~R948 1M x2
OFF
ON
100Hz: 8~10dB
10kHz: 6~8dB
S920 OFF HI-FILTER
JC902
JM803
JC903
JC601
JC604
JM901
JM902
JM903
JM607
JM604
RX01 SBX1610-52 OR GP1U501X OR GP1U701R
D931 CD
D933 TAPE
D930 PHONO
KLA113 x 3 (KL6113) x 3 ( )=EG600
Q851 TA75558P
VEE
IN+
IN-
OUT1
IN2+
IN2-
OUT2
VCC
Q607 KTC2235
D601 05AZ 6.2Z
Q604 2SA562TM-Y
Q603 2SA562TM-Y
Q606 KTC 1959-Y
Q605 KTA1959 -Y
D603 1N 4002
D602 1N 4002
PHONO
CD
TAPE
MONITOR
P601 JACK BOARD RCA
Q953 TC9303AN-022
GND
K0
K1
K2
K3
D0
D1
D2
D3
D4
D5
D6
a
b
c
d
e
f
g
h
-VFL
XT
XT
INH
INT
REF
SI
SO
CK
STB
SYS.MUTE
R4
R3
R2
R1
R0
AUTO SCAN
AUTO STOP
K4
X902 7.2 MHz
Q914 KTC1815-Y
D904 05AZ 6.2Z
D941 1N4148
D926 AUTO TUNING KLA113 (KL6113)
D951 FG-710H1
MW
AM
FM
MEMORY
KHz
MHz
CH
Q911 KTC1815-Y
Q912 KTC 1815 -Y
Q913 KRA2204
Q915 KTA1015-Y
Q916 KTA1015-Y
D927 AM KLA113 (KL6113)
D928 FM KLA113 (KL6113)
EU
DELETE US (ADD)
ADD
D905~D925, 940, 1N4148 961
S901~S913
K4
K3
K2
K1
K0
D911
D924
D915
D916
D961
AUTO MAN.
MONO ST
DOWN
UP
M8
M7
M6
M5
M4
M3
M2
M1
MEMO
D906
D912
D907
D922
D908
D909
D923
D940
D910
Q918 KRA2204
Q917 KRA2204
D918
D919
D920
D921
S914 FM
S915 AM
S916 CD
S917 PHONO
S918 TAPE
100KW x 5
R636 12.48KHz
R635 3.4K
R634 1.07K
R633 283.8Hz
R632 89.2Hz
Q653 KIA7796
Q652 KIA7796
F4b
F4a
F3b
F3a
F2b
F2a
F1b
F1a
F5a
F5b
IN
NF
VO
VCC
GND
VEE
DTS & E.Q KEY BOARD PW2051

2B


7
8
9
10
11
12
MAIN BOARD PW2050
SPK SW BOARD PW2052-5
P501
JW510
JC510
S511
P551 HEADPHONE JACK
F811 T 2A 250V
P851 AC240V 50Hz
T801 KPW2348A 240V POWER TRANS
Q550 TA7317P
RL02 SH323024
Q651 LC7818
Q631 TA75558P
BR82
W02M
DELETE
TAPE MONITOR CD TAPE MONITOR
JACK BOARD RCA
JC607
JC608
MAIN VOLUME BOARD PW2052-2
Q651 GD4066B/TC4066BP
R665 100KB X 2
JW601
JC606
PW-2052-6
D606
JW606
JW602
JC602
JC604
JW604
JW608
BALANCE VOLUME BOARD PW2052-3
R666 100K
BALANCE
REMOCON TRANSMITTER BOARD
UPD6122G-001
EL-IL1
KTC1815-Y/GR
VDD
455KHz
AM
FM
CD
PHO-NO
TAPE
VR UP
VR DN
PWR
MUTE
TAPE PAU-SE
TUNE UP
MEMO SKIP
TUN. DN
MEMO SCAN
CD SE-LECT
CD STOP
CD PLAY/PAU-SE
CD PAU-SE
T (1) STOP
T (1) REC
T (2) STOP
T (2) REC
200K

** NOTE **

1. ALL RESISTORS ARE 1/6W CARBON FILM RESISTOR UNLESS OTHERWISE LISTED.
   RESISTANCE UNIT IS IN OHM. K=1,000 M=1,000,000
   1/2R : METAL OR METAL OXIDE 1/2W. 1/2S : SOLID 1/2W.
   1/2F : FUSE RESISTOR 1/2W. 10W : CEMENT RESISTOR 10W.
2. ALL CAPACITORS ARE 50V CERAMIC CAPACITOR UNLESS OTHERWISE LISTED.
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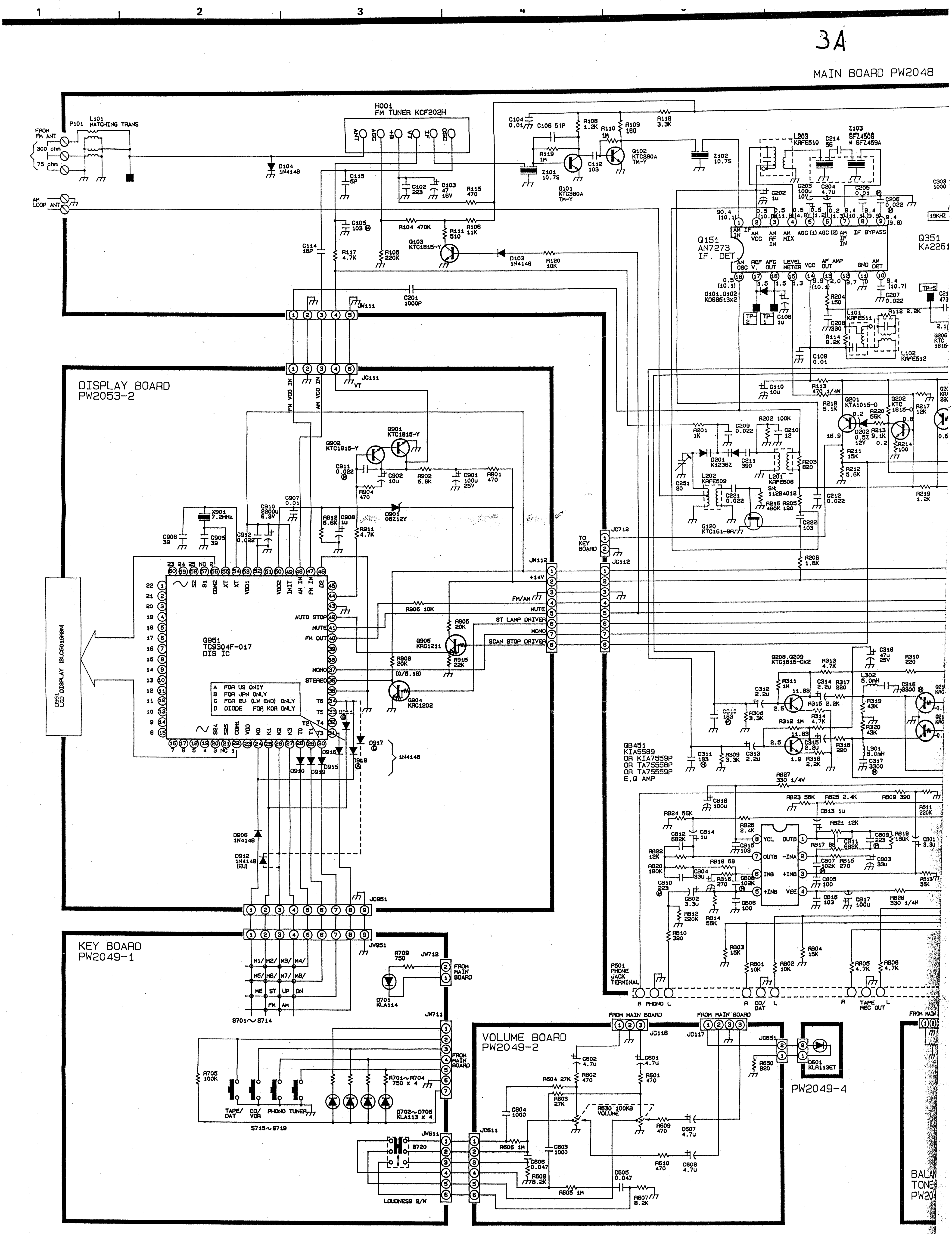
AM/FM Stereo Receiver AG-550

3A

MAIN BOARD PW2048

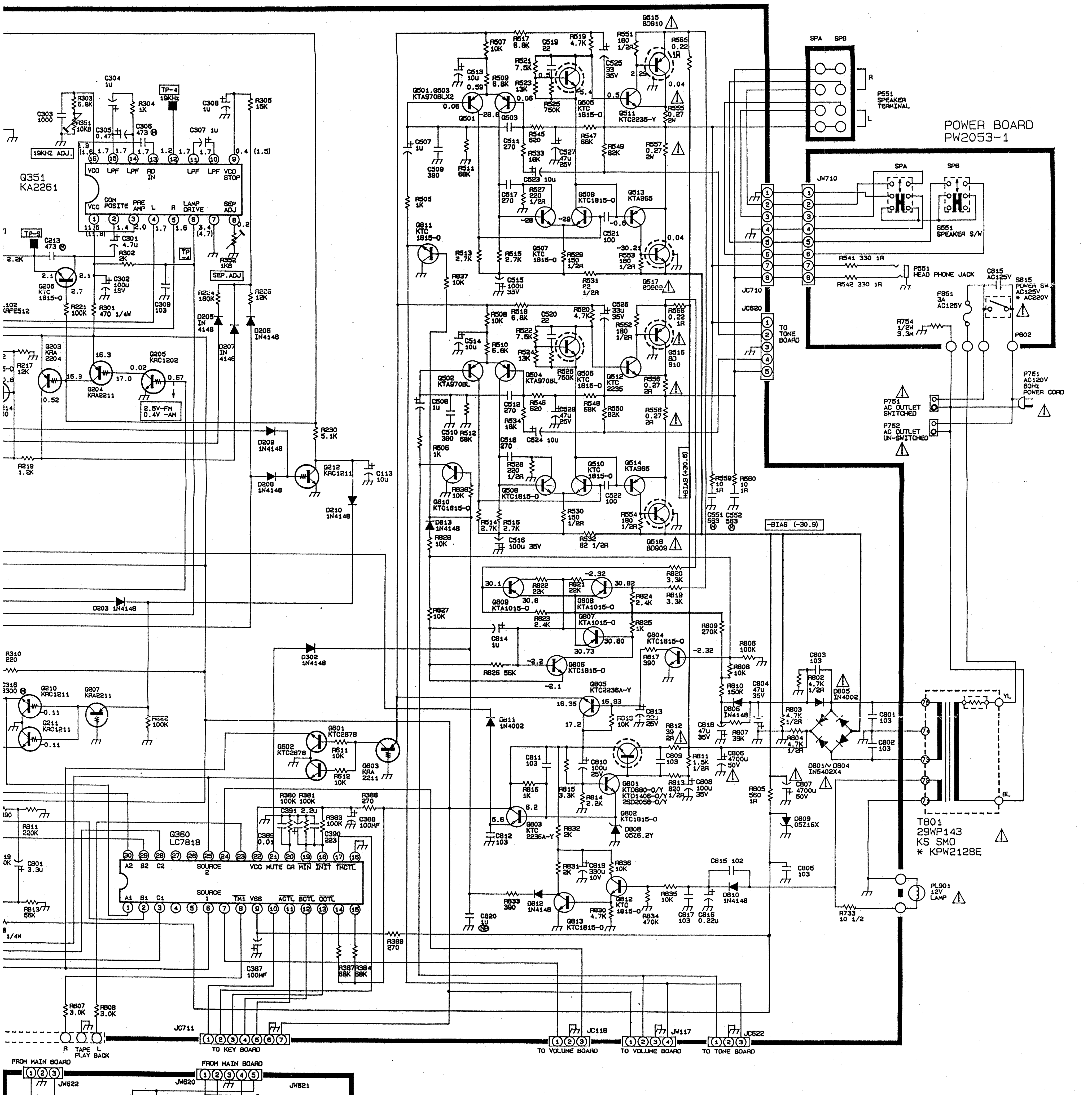

1
2
3
4
FROM FM ANT
300 ohm
75 ohm
AM LOOP ANT
P101
L101 MATCHING TRANS
H001 FM TUNER KCF202H
D104 1N4148
C115 5P
C102 223
C103 47 16V
R115 470
C105 103
R104 470K
R106 11K
R111 510
Q103 KTC1815-Y
D103 1N4148
R120 10K
C114 18P
R117 4.7K
R105 220K
C201 1000P
JW111
C104 0.01
C106 51P
R108 1.2K
R110 1M
R109 180
R118 3.3K
R119 1M
Z101 10.7S
C112 103
Q101 KTC380A TM-Y
Q102 KTC380A TM-Y
Z102 10.7S
L203 KAFE510
C214 56
Z103 SFZ450S H SFZ459A
C202 1u
C203 100u 10V
C204 4.7u
C205 0.01
C206 0.022
Q151 AN7273 IF. DET
AM IF IN
AM VCC
AM RF IN
AM MIX
AGC (1)
AGC (2)
AM IF IN
IF BYPASS
AM OSC
REF V.
AFC OUT
LEVEL METER
VCC
AF AMP OUT
GND
AM DET
D101,D102 KDS8513x2
TP-2
TP-1
C108 1u
R204 150
C207 0.022
L101 KAFE511
R112 2.2K
C208 330
R114 8.2K
C109 0.01
L102 KAFE512
Q351 KA2261
C303 1000
19KHz
TP-6
DISPLAY BOARD PW2053-2
JC111
FM VCO IN
AM VCO IN
VT
Q901 KTC1815-Y
Q902 KTC1815-Y
C911 0.022
C902 10u
R902 5.6K
C901 100u 25V
R901 470
R904 470
D901 05Z12Y
X901 7.2MHz
C906 39
C905 39
C910 2200u 6.3V
C907 0.01
C912 0.022
R912 5.6K
C908 1u
R911 4.7K
Q951 TC9304F-017 DIS IC
D951 LCD DISPLAY (SLC5015RSN)
AUTO STOP
MUTE
FM OUT
MONO
STEREO
A FOR US ONLY
B FOR JPN ONLY
C FOR EU (LW END) ONLY
D DIODE FOR KOR ONLY
R906 10K
R905 20K
Q905 KRC1211
R915 22K
R908 20K
(0/5.18)
Q904 KRC1202
D917
1N4148
D916
D918
D910
D919
D915
D906 1N4148
D912 1N4148 (EU)
JC951
JW112
+14V
FM/AM
MUTE
ST LAMP DRIVER
MONO
SCAN STOP DRIVER
TO KEY BOARD
JC712
JC112
KEY BOARD PW2049-1
JW951
M1/ M2/ M3/ M4/
M5/ M6/ M7/ M8/
ME ST UP DN
FM AM
S701~S714
R709 750
JM712
FROM MAIN BOARD
D701 KLA114
JW711
R705 100K
TAPE/DAT
CD/VCR
PHONO
TUNER
S715~S719
R701~R704 750 x 4
D702~D705 KLA113 x 4
JW611
S720
LOUDNESS S/W
VOLUME BOARD PW2049-2
FROM MAIN BOARD
JC118
JC117
C602 4.7u
C601 4.7u
R604 27K
R602 470
R601 470
R603 27K
C604 1000
R630 100KB VOLUME
R609 470
C607 4.7u
JC611
R606 1M
C603 1000
C606 0.047
R608 8.2K
R610 470
C608 4.7u
C605 0.047
R605 1M
R607 8.2K
JC651
R650 820
D601 KLR113ET
PW2049-4
BALAN TONE PW20
C110 10u
R113 470 1/4W
R218 5.1K
Q201 KTA1015-O
Q202 KTC1815-O
R217 12K
R202 100K
R201 1K
C209 0.022
C210 12
R220 56K
R213 9.1K
D202 0.5Z 12Y
R214 100
R211 15K
R212 5.6K
D201 K1236Z
C211 390
L201 KAFE508
SN: 11294012
R203 820
C251 20
L202 KAFE509
C221 0.022
R216 490K
R205 120
C212 0.022
Q120 KTC161-9R
C222 103
R206 1.8K
R219 1.2K
Q208,Q209 KTC1815-Ox2
R313 4.7K
C318 47u 25V
R310 220
L302 5.0mH
C316 3300
C312 2.2u
R311 1M
C314 2.2u
R317 220
R315 2.2K
R319 43K
C310 183
R308 3.3K
R312 1M
R314 4.7K
R320 43K
C315 2.2u
R318 220
L301 5.0mH
C317 3300
Q8451 KIA5589 OR KIA7559P OR TA7555BP OR TA75559P E.Q AMP
C311 183
R309 3.3K
C313 2.2u
R316 2.2K
R827 330 1/4W
C818 100u
R823 56K
R825 2.4K
R809 390
C813 1u
R811 220K
R824 56K
R826 2.4K
R821 12K
C812 682K
C814 1u
C815 103
YCL
OUTB
C811 682K
C809 223
R819 180K
C801 3.3u
R822 12K
R817 68
R818 68
OUTB
-INA
C807 102K
R815 270
C803 33u
R820 180K
C804 33u
R816 270
C808 102K
INB
+INB
C805 100
R813
C810 223
C802 3.3u
+INB
VEE
C816 103
C817 100u
R828 330 1/4W
R812 220K
R814 56K
C806 100
R810 390
R803 15K
R801 10K
R802 10K
R804 15K
R805 4.7K
R806 4.7K
P501 PHONE JACK TERMINAL
R PHONO L
R CD/DAT L
R TAPE REC OUT L
FROM MAIN

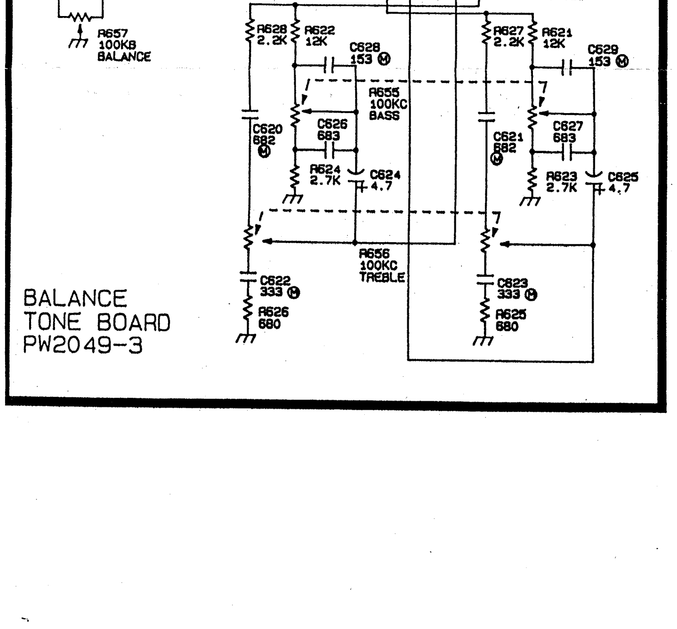
INSTRUCTIONS FOR SERVICE PERSONAL

BEFORE RETURNING APPLIANCE TO THE CUSTOMER, MAKE LEAKAGE-

3B

/2048


Q351
KA2261
19KHZ ADJ.
TP-4
19KHz
TP-S
SEP.ADJ
2.5V-FM
0.4V -AM
Q360
LC7818
SOURCE 2
SOURCE 1
SPA SPB
P551
SPEAKER TERMINAL
POWER BOARD
PW2053-1
JW710
S551
SPEAKER S/W
P551
HEAD PHONE JACK
F851
3A
AC125V
S815
POWER SW
AC125V
※ AC220V
P802
P751
AC120V
60Hz
POWER CORD
P751
AC OUTLET
SWITCHED
P752
AC OUTLET
UN-SWITCHED
JC710
JC820
TO TONE BOARD
+BIAS (+30.6)
-BIAS (-30.9)
T801
29WP143
KS SMO
※ KPW2128E
PL901
12V
LAMP
R TAPE L
PLAY BACK
JC711
TO KEY BOARD
JC118
TO VOLUME BOARD
JW117
TO VOLUME BOARD
JC622
TO TONE BOARD


FROM MAIN BOARD
JW622
R657
100KB
BALANCE
FROM MAIN BOARD
JW620
JW621
R655
100KC
BASS
R656
100KC
TREBLE
BALANCE
TONE BOARD
PW2049-3

** NOTE **

1. ALL RESISTORS ARE 1/6W CARBON FILM RESISTOR UNLESS OTHERWISE LISTED.
RESISTANCE UNIT IS IN OHM. K=1,000 M=1,000,000
1/2R : METAL OR METAL OXIDE 1/2W. 1/2S : SOLID 1/2W.
1/2F : FUSE RESISTOR 1/2W. 10W : CEMENT RESISTOR 10W.
2. ALL CAPACITORS ARE 50V CERAMIC CAPACITOR UNLESS OTHERWISE LISTED.
CAPACITANCE LESS THAN 1 ARE EXPRESS IN uH. AND GREATER THAN 1 IN pF.

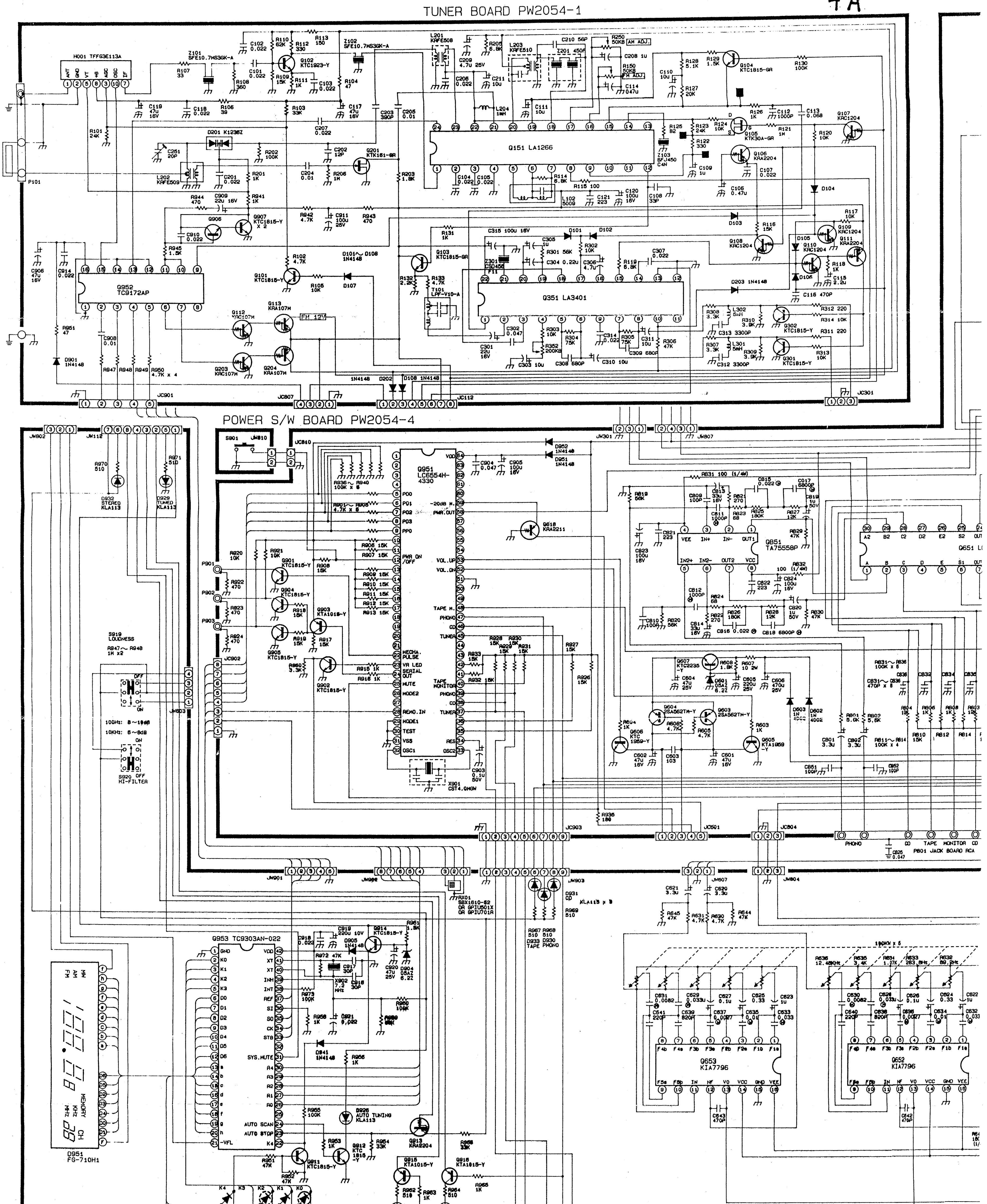
** IMPORTANT SAFETY NOTICE **

COMPONENTS IDENTIFIED BY ⚠ MARK HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY.

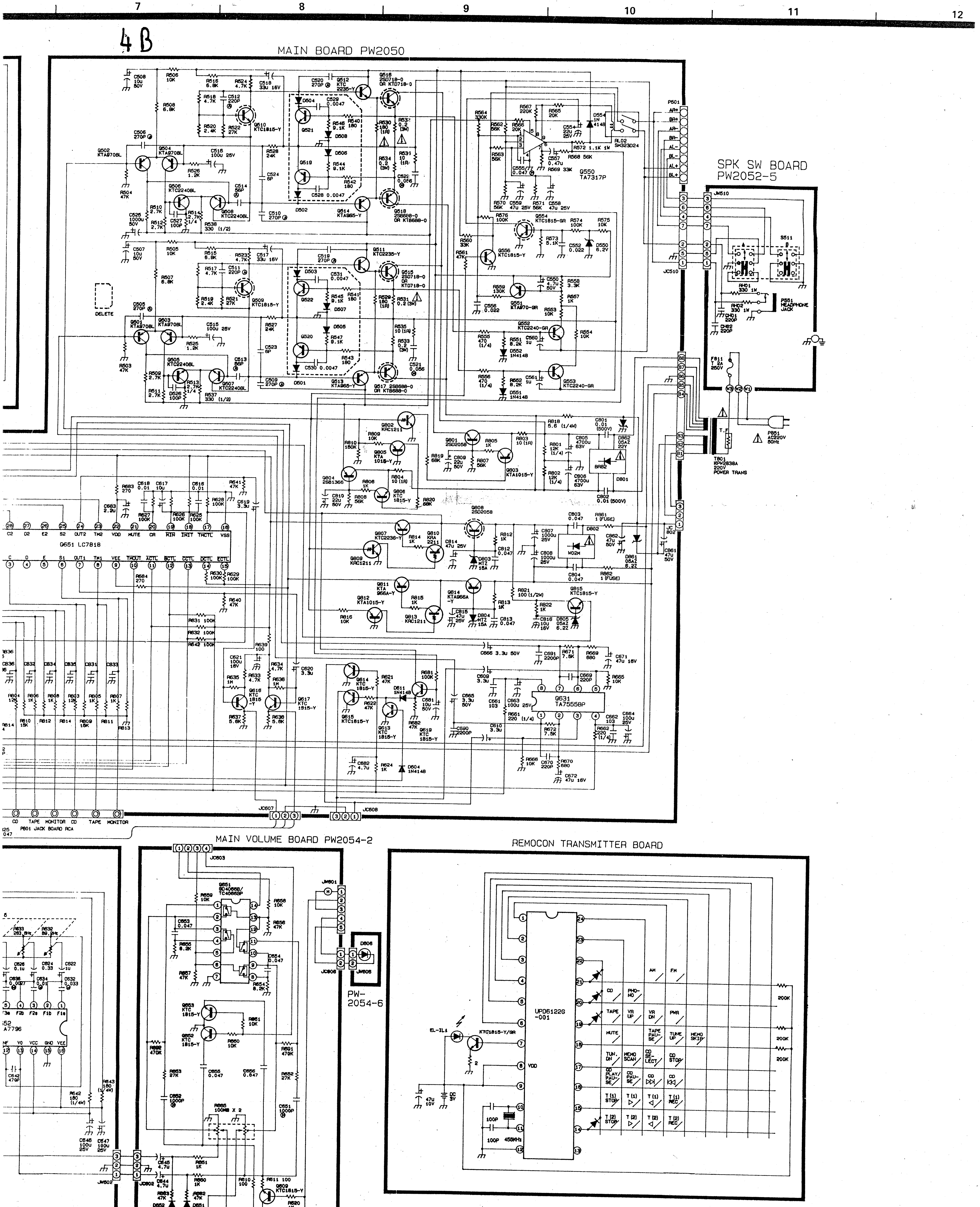
WHEN REPLACING ANY OF THESE COMPONENTS USE ONLY MANUFACTURER'S SPECIFIED PARTS.

AM/FM Stereo Receiver **AG-400**

4A


TUNER BOARD PW2054-1
H001 TFFG3E113A
Z101 SFE10.7MS3GK-A
Z102 SFE10.7MS3GK-A
Q102 KTC1923-Y
D201 K1236Z
Q201 KTK161-GR
Q151 LA1266
Q104 KTC1815-GR
Q105 KTK30A-GR
Q106 KRA2204
Q107 KRC1204
Q108 KRC1204
Q109 KRC1204
Q110 KRC1204
Q111 KRA2204
R150 50KB FM ADJ.
R250 50KB AM ADJ.
Z103 SFU450 C4N
Q103 KTC1815-GR
T101 LPF-V10-A
Z301 CSB456 F11
Q351 LA3401
Q301 KTC1815-Y
Q302 KTC1815-Y
Q952 TC9172AP
Q906
Q907 KTC1815-Y x 2
Q101 KTC1815-Y
Q112 KRC107M
Q113 KRA107M
Q203 KRC107M
Q204 KRA107M
FM 12V
D901 1N4148
D202 D108 1N4148
P101
JC901 JC807 JC112 JC301
POWER S/W BOARD PW2054-4
S801 JW810 JC810
JW802 JW112 JW301 JW807
D932 STEREO KLA113
D929 TUNED KLA113
Q951 LC6554H-4330
Q918 KRA2211
P901 P902 P903
Q901 KTC1815-Y
Q904 KTC1815-Y
Q903 KTA1015-Y
Q905 KTC1815-Y
Q902 KTC1815-Y
S919 LOUDNESS
S920 OFF HI-FILTER
X901 CST4.00MGW
Q851 TA75558P
Q607 KTC2235-Y
Q604 2SA562TM-Y
Q603 2SA562TM-Y
Q605 KTA1659-Y
Q606 KTC1659-Y
Q651
JC903 JC501 JC804
PHONO CD TAPE MONITOR CD
P801 JACK BOARD RCA
JW901 JW902 JW903 JW607 JW804
RX01 SBX1610-52 OR GP1U501X OR GP1U701R
D931 CD KLA113 x 3
D933 D930 TAPE PHONO
Q953 TC9303AN-022
Q914 KTC1815-Y
X902 7.2 MHz
D941 1N4148
D926 AUTO TUNING KLA113
Q913 KRA2204
Q911 KTC1815-Y
Q912 KTC 1815 -Y
Q915 KTA1015-Y
Q916 KTA1015-Y
D927 AM KLA113
D928 FM KLA113
D951 FG-710H1
MEMORY KHz MHz CH
EU DELETE US (ADD) ADD
D905~D925, 940, 942 1N4148 S61
S901~S913
AUTO MAN MONO ST DOWN UP M8 M7 M6 M5 M4 M3 M2 M1 MEMO
Q918 KRA2204
Q917 KRA2204
D919 D920 D921 D918
S914 FM S915 AM S916 CD S917 PHONO S918 TAPE
Q653 KIA7796
Q652 KIA7796
100KW x 5
DTS & E.Q KEY BOARD PW2051

INSTRUCTIONS FOR SERVICE PERSONAL


7
8
9
10
11
12
4B
MAIN BOARD PW2050
SPK SW BOARD PW2052-5
P501
AR+
BR+
AR-
BR-
AL-
BL-
AL+
BL+
JW510
JC510
S511
RH01 330 1W
RH02 330 1W
CH01 220P
CH02 220P
P551 HEADPHONE JACK
F811 T 2A 250V
P851 AC220V 50Hz
T801 KPW2838A 220V POWER TRANS
Q550 TA7317P
RL02 SH323D24
DELETE
Q651 LC7818
Q631 TA75558P
BR82
W02M
CD
TAPE
MONITOR
CD
TAPE
MONITOR
P601 JACK BOARD RCA
JC607
JC608
MAIN VOLUME BOARD PW2054-2
JC603
JW601
Q651 BU4066B/TC4066BP
R665 100KB X 2
JC606
JW606
D806
PW-2054-6
JW602
JC602
JC604
BALANCE VOLUME BOARD PW2054-3
JW604
JW608
R666 100KB
BALANCE
W2051
A7796
REMOCON TRANSMITTER BOARD
UPD6122G -001
EL-IL1
KTC1815-Y/GR
VDD
47u 10V
DC 3V
100P
100P
455KHz
AM
FM
CD
PHO-NO
TAPE
VR UP
VR DN
PWR
MUTE
MEMO SE
TAPE PAU-SE
TUNE UP
MEMO SKIP
TUN. DN
MEMO SCAN
CD SE-LECT
CD STOP
CD PLAY/ PAU-SE
CD ▷▷|
CD ◁◁
CD |◁◁
T(1) STOP
T(1) ▷
T(1) ◁
T(1) REC
T(2) STOP
T(2) ▷
T(2) ◁
T(2) REC
200K
200K
200K

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AM/FM Stereo Receiver **AG-550**